

Product Datasheet

TIM-1/KIM-1/HAVCR Antibody - BSA Free NBP1-76701

Unit Size: 0.1 mg

Store at 4C.

www.novusbio.com



technical@novusbio.com

Publications: 38

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-76701

Updated 3/4/2026 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-76701



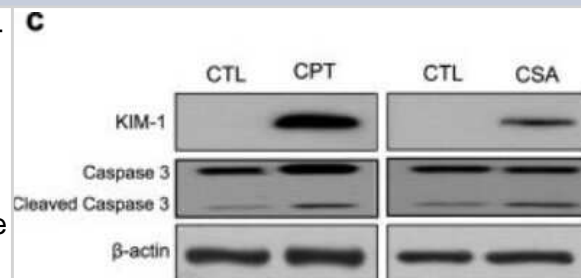
NBP1-76701

TIM-1/KIM-1/HAVCR Antibody - BSA Free

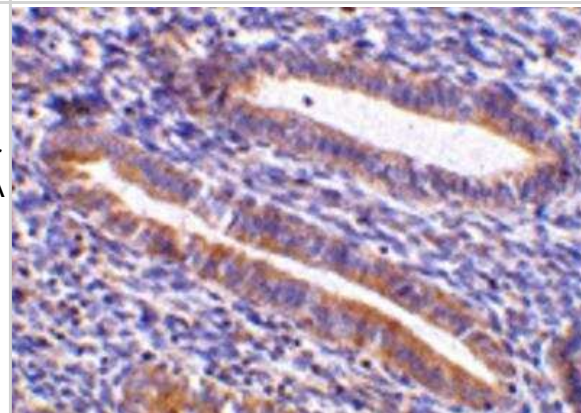
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	44 kDa
Product Description	
Host	Rabbit
Gene ID	26762
Gene Symbol	HAVCR1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in (PMID: 29369823). Rat reactivity reported in (PMID: 30066041).
Specificity/Sensitivity	Human TIM-1/KIM-1/HAVCR has 5 isoforms, including isoform a precursor (364aa, 39kD), isoform a (364aa, 39kD), isoform b precursor (401aa, 44kD), isoform b (359aa, 39kD), and isoform c (359aa, 39kD). This antibody detects human isoform b precursor. Mouse TIM-1/KIM-1/HAVCR has 3 isoforms, including isoform a precursor (305aa, 33kD), isoform b precursor (282aa, 31kD) and isoform b (282aa, 31kD). Rat TIM-1/KIM-1/HAVCR has only one isoform identified so far (307aa, 34kD).
Immunogen	Antibody was raised against a peptide corresponding to 16 amino acids near the amino terminus of human TIM-1. The immunogen is located within amino acids 50 - 100 of TIM-1. Amino Acid Squence: TNGTHVTYRKDTRYKL
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1-8 ug/ml, Simple Western 40 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 10 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 10 ug/ml, Knockdown Validated
Application Notes	Use in IF reported in scientific literature (PMID:33644078). ICC/IF reactivity reported in (PMID: 27214555). See Simple Western Antibody Database for Simple Western validation: Tested in Rat kidney tissue 1 mg/mL, separated by Size, antibody dilution of 40 ug/mL, apparent MW was 50 kDa

Images

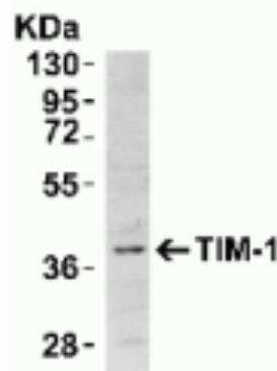
Western Blot: TIM-1/KIM-1/HAVCR Antibody - BSA Free [NBP1-76701] - TIM-1/KIM-1/HAVCR Antibody [NBP1-76701] - In vitro nephrotoxicity assessment of kidney spheroids. Western blotting analysis of kidney injury markers in kidney spheroids after treatment with 20 μ M cisplatin (CPT) or 50 μ M cisplatin cyclosporin A (CSA). All data are shown as the means \pm s.e.m. * p < 0.05 compared with control by unpaired Student's t-test. Scale bar, 20 μ m. Image collected and cropped by CiteAb from the following publication (www.nature.com/articles/s41598-019-53855-2) licensed under a CC-BY license.



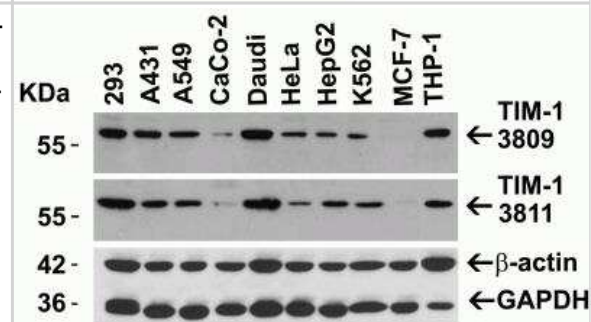
Immunohistochemistry-Paraffin: TIM-1/KIM-1/HAVCR Antibody - BSA Free [NBP1-76701] - TIM-1/KIM-1/HAVCR Antibody [NBP1-76701] - Analysis of human uterus tissue using anti-TIM-1 antibody (3809) at 10 μ g/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4 C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



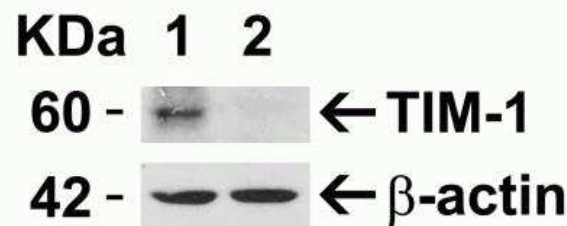
Western Blot: TIM-1/KIM-1/HAVCR Antibody - BSA Free [NBP1-76701] - TIM-1/KIM-1/HAVCR Antibody [NBP1-76701] - Loading: 15 μ g of NIH/3T3 cell lysates. Antibodies: TIM-1 3809 (8 μ g/mL), overnight incubation at 4 C in 5% NFD/MTBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



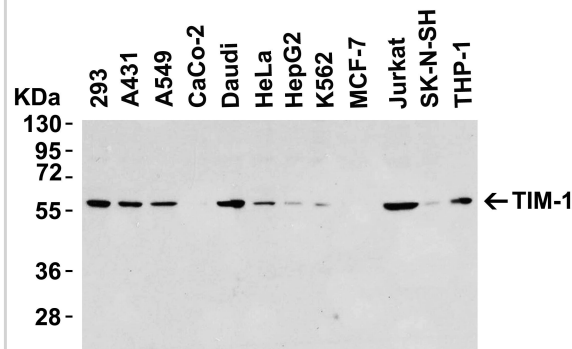
Western Blot: TIM-1/KIM-1/HAVCR Antibody - BSA Free [NBP1-76701] - TIM-1/KIM-1/HAVCR Antibody [NBP1-76701] - Loading: 15 μ g of lysates per lane. Antibodies: TIM-1 3809 (8 μ g/mL), TIM-1 3811 (1 μ g/mL), beta-actin (1 μ g/mL), and GAPDH (0.02 μ g/mL), overnight incubation at 4C (3809) or 1h incubation at RT in 5% NFD/MTBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



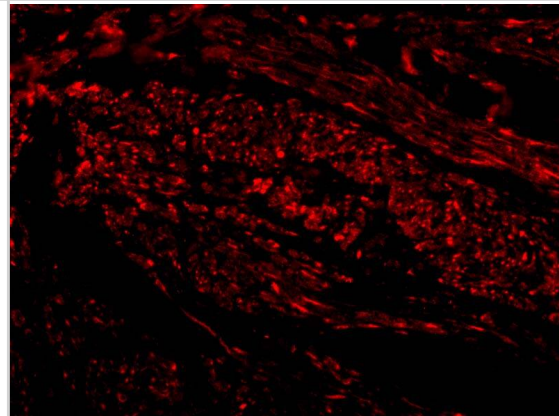
Western Blot: TIM-1/KIM-1/HAVCR Antibody - BSA Free [NBP1-76701] - TIM-1/KIM-1/HAVCR Antibody [NBP1-76701] - HeLa cells were transfected with control siRNAs (lane 1) or TIM-1 siRNAs (lane 2) Loading: 15 ug of HeLa whole cell lysates per lane. Antibodies: 3809 (8 ug/mL), 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



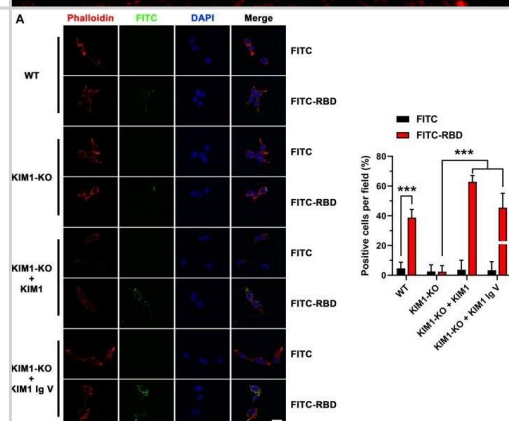
Western Blot: TIM-1/KIM-1/HAVCR Antibody - BSA Free [NBP1-76701] - Figure 1 Western Blot Validation in Human Cell Lines Loading: 15 u of lysates per lane. Antibodies: TIM-1 (8 u/mL), overnight incubation at 4; C in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Immunocytochemistry/ Immunofluorescence: TIM-1/KIM-1/HAVCR Antibody - BSA Free [NBP1-76701] - Validation of TIM-1/KIM-1/HAVCR in Human Uterus Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed human uterus cells labeling TIM-1/KIM-1/HAVCR with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red). Image showing both membrane and cytoplasmic staining on human uterus cells.



KIM1 mediates the cell entry of SARS-CoV-2-RBD. (A) Representative images and quantitative data of cell surface attachment of SARS-CoV-2-RBD in wild-type (WT) and KIM1 knockout (KIM1-KO) HK-2 cells. Scale bar, 20 μ m. ***P < 0.001. (B) Representative images and quantitative data of cell surface attachment of SARS-CoV-2-RBD in HEK293T cells. Scale bar, 20 μ m. OE KIM1, overexpression of KIM1. **P < 0.01. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/33493263>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Liu L, Wei Q, Wang R et al. Rab7-regulated ferroptosis contributes to tubular epithelial cells injury by degradation of GPX4 via chaperone-mediated autophagy in AKI. *American journal of physiology. Cell physiology* 2025-05-07 [PMID: 39932439]

Yang C, Zhang Y, Zeng X et al. Kidney injury molecule-1 is a potential receptor for SARS-CoV-2 *Journal of Molecular Cell Biology* 2021-01-25 [PMID: 33493263] (Immunohistochemistry, Western Blot, Mouse)

Kansakar U, Gambardella J, Varzideh F et al. miR-142 Targets TIM-1 in Human Endothelial Cells: Potential Implications for Stroke, COVID-19, Zika, Ebola, Dengue, and Other Viral Infections *International Journal of Molecular Sciences* 2022-09-06 [PMID: 36142146] (Immunohistochemistry, Western Blot, Mouse)

Liu HH, Li XQ, Liu JF et al. miR-6869-5p Transported by Plasma Extracellular Vesicles Mediates Renal Tubule Injury and Renin-Angiotensin System Activation in Obesity *Frontiers in Medicine* 2021-09-08 [PMID: 34568382] (Immunohistochemistry, Western Blot, Mouse)

Zhong, D;Chen, J;Qiao, R;Song, C;Hao, C;Zou, Y;Bai, M;Su, W;Yang, B;Sun, D;Jia, Z;Sun, Y; Genetic or pharmacologic blockade of mPGES-2 attenuates renal lipotoxicity and diabetic kidney disease by targeting Rev-Erb α /FABP5 signaling *Cell reports* 2024-04-06 [PMID: 38583151]

Li H, Duan J, Zhang T et Al. miR-16-5p aggravates sepsis-associated acute kidney injury by inducing apoptosis *Ren Fail* 2024-03-06 [PMID: 38445373]

Bae, CR;Kim, Y;Kwon, YG; CU06-1004 alleviates oxidative stress and inflammation on folic acid-induced acute kidney injury in mice *Journal of pharmacological sciences* 2024-02-01 [PMID: 38246731]

Dong Y, Jia Z, Kang B et Al. Annexin-A5 monomer as a membrane repair agent for the treatment of renal ischemia-reperfusion injury *Mol Biol Rep* 2024-05-25 [PMID: 38796668]

Huang L, Zhang L, Zhang Z et Al. Loss of nephric augmenter of liver regeneration facilitates acute kidney injury via ACSL4-mediated ferroptosis *J Cell Mol Med* 2023-12-13 [PMID: 38088220]

Wu T, Zhu W, Duan R et al. Magnetic vagus nerve stimulation ameliorates contrast-induced acute kidney injury by circulating plasma exosomal miR-365-3p *Journal of Nanobiotechnology* 2024-10-28 [PMID: 39468562]

An S, Yao Y, Wu J et al. Gut-derived 4-hydroxyphenylacetic acid attenuates sepsis-induced acute kidney injury by upregulating ARC to inhibit necroptosis *Biochimica et biophysica acta. Molecular basis of disease* 2023-09-13 [PMID: 37714058]

Micha \acute{z} ek K, Oberska P, Murawski M et al. Kidney morphology and renal expression of aquaporins 2, 3 and 4 during cerulein - Induced chronic pancreatitis in pigs *Advances in medical sciences* 2023-09-12 [PMID: 37708639] (WB, IHC-Fr, Porcine)

More publications at <http://www.novusbio.com/NBP1-76701>





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-76701

NBP1-76701PEP	TIM-1/KIM-1/HAVCR Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-76701

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

