

Product Datasheet

ADAM10 Antibody - BSA Free NBP1-76973

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP1-76973

ADAM10 Antibody - BSA Free

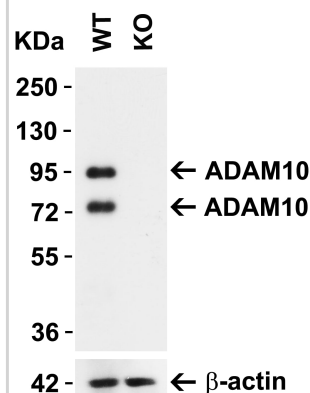
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	85 kDa

Product Description	
Description	Novus Biologicals Rabbit ADAM10 Antibody - BSA Free (NBP1-76973) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-ADAM10 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	102
Gene Symbol	ADAM10
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 17 amino acid peptide near the carboxy terminus of human ADAM10. The immunogen is located within the last 50 amino acids of ADAM10. Amino Acid Sequence: PQRQRPRESYQMGHMRR

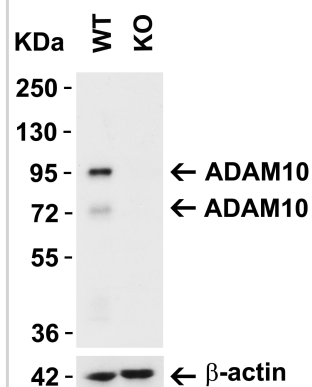
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Frozen
Application Notes	IHC- Frozen is reported in verified customer review.

Images

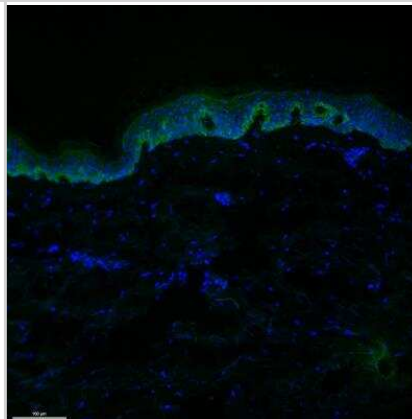
Western Blot: ADAM10 Antibody - BSA Free [NBP1-76973] - KO Validation in MEF Cells. Loading: 10 u of lysate Antibodies: ADAM10, 1 u/mL and beta-actin, 1u/mL, 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution. Detected both precursor ADAM10 (94kD) and mature ADAM10 (68kD).



Western Blot: ADAM10 Antibody - BSA Free [NBP1-76973] - KO Validation in 293 Cells. Loading: 15 u of lysate Antibodies: ADAM10, 2 u/mL and beta-actin, 1u/mL, 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution. Detected both precursor ADAM10 (94KD) and mature ADAM10 (68kD).

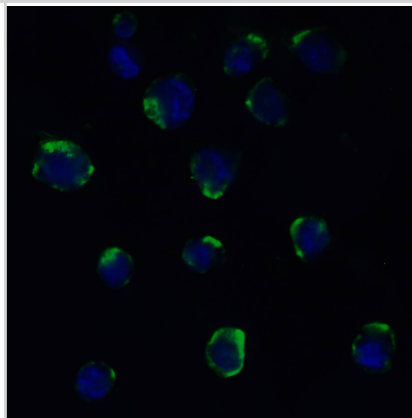


Immunohistochemistry-Frozen: ADAM10 Antibody - BSA Free [NBP1-76973] - ADAM10 (green) stained human skin, counterstained with DAPI. Tissue fixed, permeabilized, and blocked with 5% BSA TBS Ca/Azide. Anti-ADAM10 antibody applied at 1:100, before washed and stained with Alexa488-conjugated secondary. Slides mounted with DAPI. Image from verified customer review.



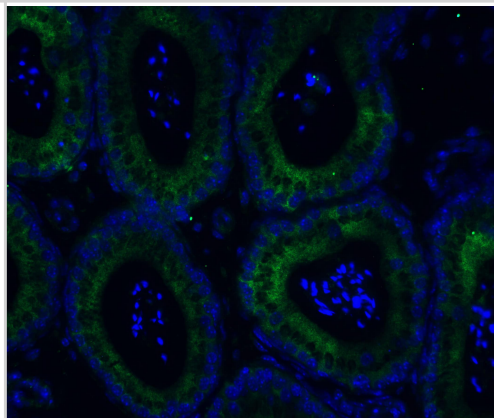
Immunocytochemistry/ Immunofluorescence: ADAM10 Antibody - BSA Free [NBP1-76973] - **Figure 8 Immunofluorescence Validation of ADAM10 in K562 Cells**

Immunofluorescent analysis of 4% paraformaldehyde-fixed K562 cells labeling ADAM10 with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



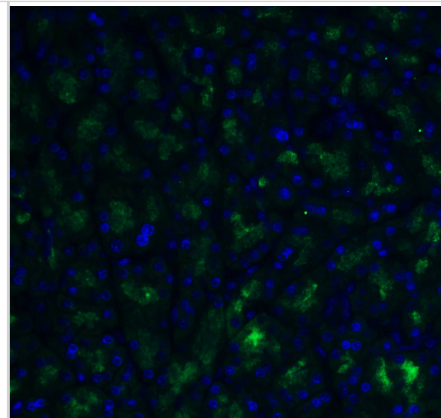
Immunocytochemistry/ Immunofluorescence: ADAM10 Antibody - BSA Free [NBP1-76973] - **Figure 9 Immunofluorescence Validation of ADAM10 in Mouse Testis**

Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse testis labeling ADAM10 with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).

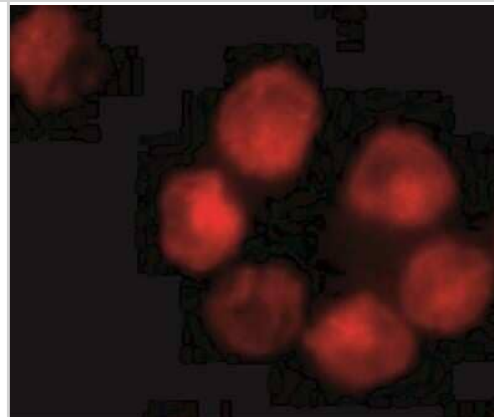


Immunocytochemistry/ Immunofluorescence: ADAM10 Antibody - BSA Free [NBP1-76973] - **Figure 10 Immunofluorescence Validation of ADAM10 in Rat Testis**

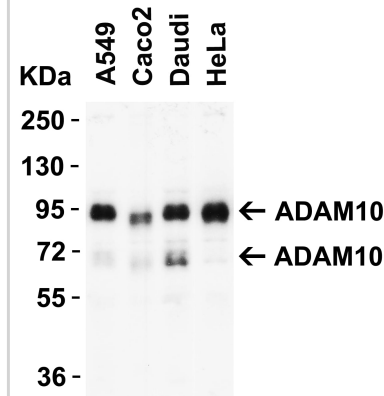
Immunofluorescent analysis of 4% paraformaldehyde-fixed rat testis labeling ADAM10 with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



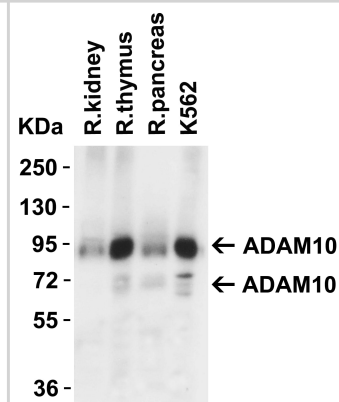
Immunocytochemistry/Immunofluorescence: ADAM10 Antibody - BSA Free [NBP1-76973] - K562 cells with ADAM10 antibody at 10 ug/mL.



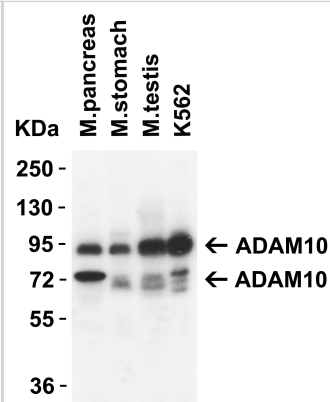
Western Blot: ADAM10 Antibody - BSA Free [NBP1-76973] - Validation in Human Cell Lines. Loading: 15 u of lysate Antibodies: ADAM10, 1 u/mL, 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution. Detected both precursor ADAM10 (94KD) and mature ADAM10 (68kD).



Western Blot: ADAM10 Antibody - BSA Free [NBP1-76973] - Validation in Rat Tissues. Loading: 15 u of lysates per lane. Antibodies: ADAM10, 1 u/mL, 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Detected both precursor ADAM10 (94KD) and mature ADAM10 (68kD).



Western Blot: ADAM10 Antibody - BSA Free [NBP1-76973] - Validation in Mouse Tissues. Antibodies: ADAM10, 1 μ /mL, 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Detected both precursor ADAM10 (94kD) and mature ADAM10 (68kD).



Publications

W Xiao, A Pinilla-Ba, J Faulkner, X Song, P Prabhakar, H Qiu, KW Moremen, A Ludwig, PJ Dempsey, P Azadi, L Wang Robo4 is constitutively shed by ADAMs from endothelial cells and the shed Robo4 functions to inhibit Slit3-induced angiogenesis *Scientific Reports*, 2022-03-14;12(1):4352. 2022-03-14 [PMID: 35288626]

Aung A, Cui A, Maiorino L et al. Low protease activity in B cell follicles promotes retention of intact antigens after immunization *Science (New York, N.Y.)* 2023-01-27 [PMID: 36701450] (IHC-Fr, Mouse)



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Products Related to NBP1-76973

NBP1-76973PEP	ADAM10 Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

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