

Product Datasheet

SLC39A1 Antibody - BSA Free NBP1-76498

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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NBP1-76498

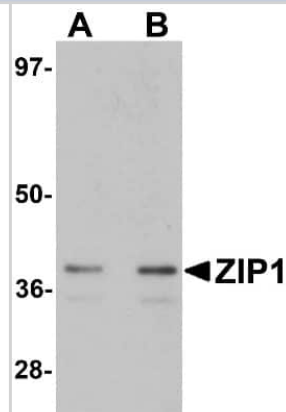
SLC39A1 Antibody - BSA Free

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	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	38 kDa
Product Description	
Host	Rabbit
Gene ID	27173
Gene Symbol	SLC39A1
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine: (88%)
Specificity/Sensitivity	At least two isoforms of ZIP1 are known to exist; this antibody will detect both isoforms. ZIP1 antibody is predicted not to cross-react with other ZIP family proteins.
Immunogen	Antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human ZIP1. The immunogen is located within amino acids 40 - 90 of ZIP1. Amino Acid Squence: LRRPGANHEGSASRQK
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/mL

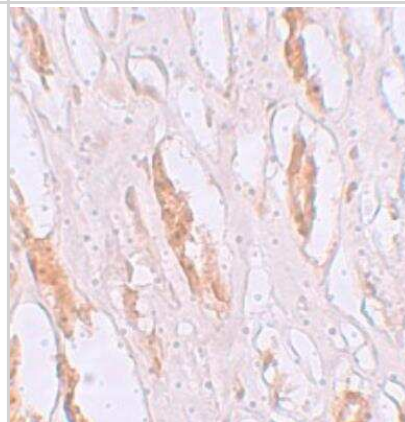


Images

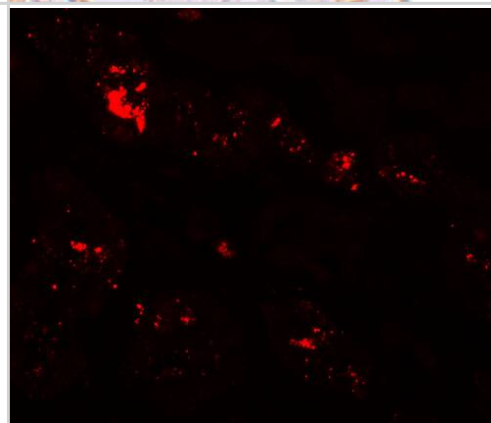
Western Blot: SLC39A1 Antibody [NBP1-76498] - Mouse kidney tissue lysate with ZIP1 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry: SLC39A1 Antibody [NBP1-76498] - Human kidney tissue at 2.5 ug/mL. dilution



Immunocytochemistry/ Immunofluorescence: SLC39A1 Antibody - BSA Free [NBP1-76498] - Immunofluorescence of SLC39A1 in human kidney tissue with SLC39A1 antibody at 20 u/mL.



Publications

Fong LY, Jing R, Smalley KJ et al. Human-like hyperplastic prostate with low ZIP1 induced solely by Zn deficiency in rats. *Proc. Natl. Acad. Sci. U.S.A.* 2018-11-20 [PMID: 30397150] (Western Blot, Human)

Mishra S, Peterson K, Yin L et al. Accumulation of cholesterol and increased demand for zinc in serum-deprived RPE cells *Mol Vis.* 2016-12-09 [PMID: 28003730] (WB, Human)



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 NBP1-76498

NBP1-76498PEP	SLC39A1 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.

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