

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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Publications: 2

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NBP1-76498

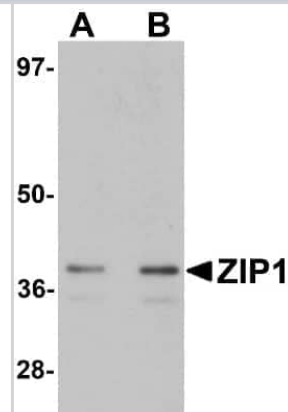
SLC39A1 Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit SLC39A1 Antibody - BSA Free (NBP1-76498) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-SLC39A1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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 Sequence: 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

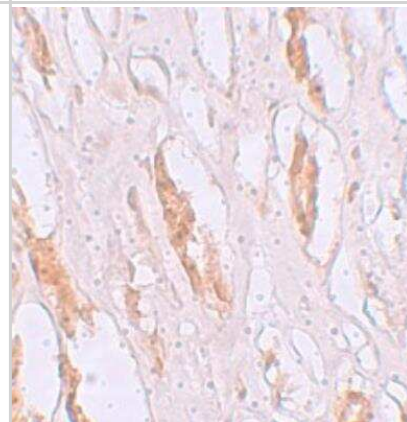


Images

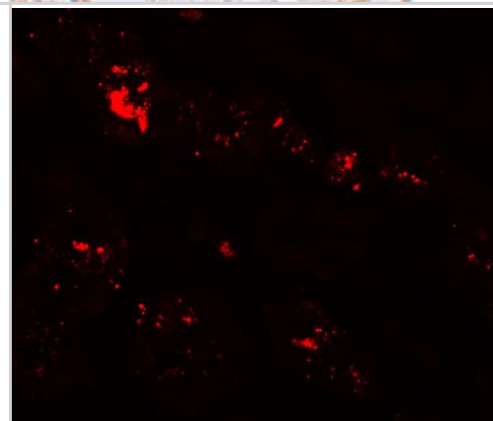
Western Blot: SLC39A1 Antibody [NBP1-76498] - Mouse kidney tissue lysate with ZIP1 antibody at (A) 1 and (B) 2 ug/mL.



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
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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