

Product datasheet for TA334162

NRAMP1 (SLC11A1) Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

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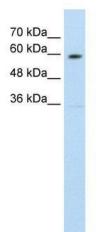
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SLC11A1 Antibody: synthetic peptide directed towards the C terminal of human SLC11A1. Synthetic peptide located within the following region: VLLTRSCAILPTVLVAVFRDLRDLSGLNDLLNVLQSLLLPFAVLPILTFT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	solute carrier family 11 member 1
Database Link:	<u>NP_000569</u> <u>Entrez Gene 6556 Human</u> <u>P49279</u>
Background:	SLC11A1 is a member of the solute carrier family 11 (proton-coupled divalent metal ion transporters) family and is a multi-pass membrane protein. The protein functions as a divalent transition metal (iron and manganese) transporter involved in iron metabolism and host resistance to certain pathogens. Mutations in its gene have been associated with susceptibility to infectious diseases such as tuberculosis and leprosy, and inflammatory diseases such as rheumatoid arthritis and Crohn disease.



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Synonyms:	LSH; NRAMP; NRAMP1
Note:	lmmunogen sequence homology: Pig: 100%; Rat: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Goat: 93%; Horse: 93%; Mouse: 93%; Sheep: 93%
Protein Families	: Transmembrane
Protein Pathway	rs: Lysosome

Product images:



WB Suggested Anti-SLC11A1 Antibody Titration: 1.25 ug/ml; Positive Control: HepG2 cell lysate

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