

Product datasheet for **TA334618**

SLC39A5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SLC39A5 antibody: synthetic peptide directed towards the N terminal of human SLC39A5. Synthetic peptide located within the following region: HYLAQLFGLYGENGLTAGGLARLLHSLGLGRVQGLRLGQHGPLTGRAAS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	solute carrier family 39 member 5
Database Link:	NP_775867 Entrez Gene 283375 Human Q6ZMH5



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Background:

Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A5 belongs to a subfamily of proteins that show structural characteristics of zinc transporters. Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A5 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]). [supplied by OMIM]

Synonyms:

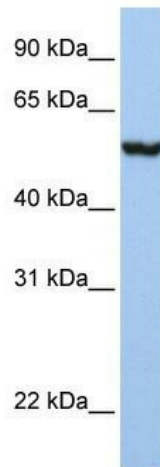
LZT-Hs7; MYP24; ZIP5

Note:

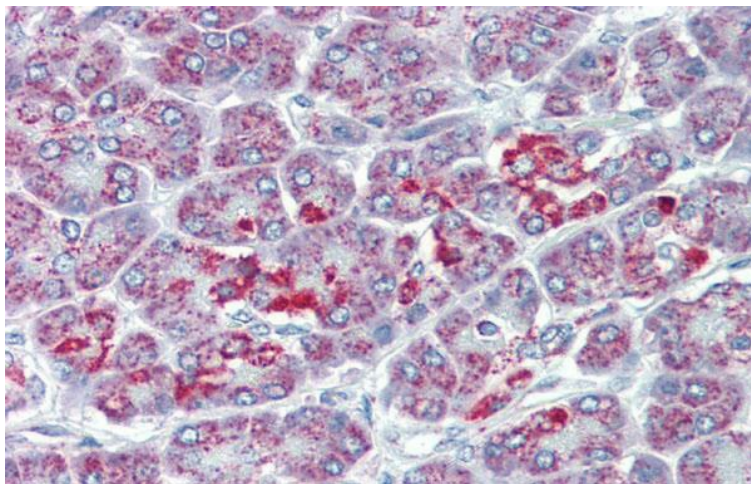
Immunogen Sequence Homology: Human: 100%; Rat: 93%; Horse: 93%; Mouse: 93%; Rabbit: 93%; Dog: 86%; Pig: 86%; Bovine: 86%; Guinea pig: 86%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-SLC39A5 Antibody Titration: 1 ug/ml; Positive Control: Placenta



Immunohistochemistry with Human Pancrease lysate tissue at an antibody concentration of 5.0 ug/ml using anti-SLC39A5 antibody