

Product datasheet for **TA334120**

SLC39A7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SLC39A7 Antibody: synthetic peptide directed towards the N terminal of human SLC39A7. Synthetic peptide located within the following region: HDHEHSHGGYGESGAPGIKQDLDAVTLWAYALGATVLIISAAPFFVLFLIP
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:	50 kDa
Gene Name:	solute carrier family 39 member 7
Database Link:	NP_001070984 Entrez Gene 7922 Human Q92504



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Background:

Zinc is an essential cofactor for more than 50 classes 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. Zinc cannot passively diffuse across cell membranes and requires specific transporters, such as SLC39A7, to enter the cytosol from both the extracellular environment and from intracellular storage compartments. Zinc is an essential cofactor for more than 50 classes 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. Zinc cannot passively diffuse across cell membranes and requires specific transporters, such as SLC39A7, to enter the cytosol from both the extracellular environment and from intracellular storage compartments. [supplied by OMIM]

Synonyms:

D6S115E; D6S2244E; H2-KE4; HKE4; KE4; RING5; ZIP7

Note:

Immunogen sequence homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Sheep: 86%; Bovine: 86%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-SLC39A7 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive
Control: MCF7 cell lysate