

Product datasheet for **TA334048**

CAT1 (SLC7A1) 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-SLC7A1 Antibody: synthetic peptide directed towards the N terminal of human SLC7A1. Synthetic peptide located within the following region: LGFIMVSGFVKGSVKNWQLTEEDFGNTSGRLCLNNDTKEGKPGVGGFMPF
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:	68 kDa
Gene Name:	solute carrier family 7 member 1
Database Link:	NP_003036 Entrez Gene 6541 Human P30825
Background:	SLC7A1 is a high-affinity, low capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine) in non-hepatic tissues. It may also function as an ecotropic retroviral leukemia receptor.
Synonyms:	ATRC1; CAT-1; ERR; HCAT1; REC1L
Note:	Immunogen sequence homology: Human: 100%; Bovine: 100%; Rabbit: 100%; Horse: 93%; Pig: 86%



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Protein Families: Druggable Genome, Transmembrane

Product images:



WB Suggested Anti-SLC7A1 Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate; SLC7A1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells