

ARG59440 anti-SLC7A3 / CAT3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SLC7A3 / CAT3
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLC7A3 / CAT3
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 1-30 of Human SLC7A3 / CAT3. (MPWQAFRRFGQKLVRRTLESGMAETRLAR)
Conjugation	Un-conjugated
Alternate Names	ATRC3; Cationic amino acid transporter γ+; Solute carrier family 7 member 3; CAT-3; Cationic amino acid transporter 3; CAT3

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

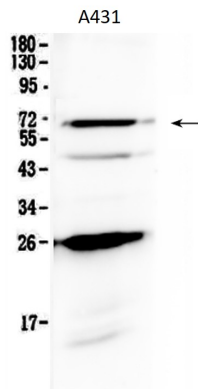
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SLC7A3
Gene Full Name	solute carrier family 7 (cationic amino acid transporter, γ + system), member 3
Background	This gene encodes a member of the solute carrier family 7. The encoded protein is a sodium-independent cationic amino acid transporter. Alternate splicing results in multiple transcripts that encoded the same protein.[provided by RefSeq, May 2010]
Function	Mediates the uptake of the cationic amino acids arginine, lysine and ornithine in a sodium-independent manner. [UniProt]
Calculated Mw	67 kDa
PTM	N-glycosylated. [UniProt]
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



ARG59440 anti-SLC7A3 / CAT3 antibody WB image

Western blot: 50 μ g of sample under reducing conditions. A431 whole cell lysate stained with ARG59440 anti-SLC7A3 / CAT3 antibody at 0.5 μ g/ml, overnight at 4°C.