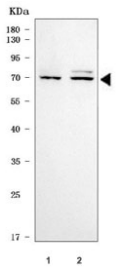
CAT-3 Antibody / SLC7A3 (RQ7547)

Catalog No.	Formulation	Size
RQ7547	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8WY07
Applications	Western blot: 0.5-1ug/ml
Limitations	This CAT-3 antibody is available for research use only.



Western blot testing of human 1) MOLT4 and 2) Daudi cell lysate with CAT-3 antibody. Predicted molecular weight ~67 kDa.

Description

Cationic amino acid transporter 3 (CAT-3) is a protein that in humans is encoded by the SLC7A3 gene. 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. The International Radiation Hybrid Mapping Consortium mapped the SLC7A3 gene to the X chromosome.

Application Notes

Optimal dilution of the CAT-3 antibody should be determined by the researcher.

Immunogen

Amino acids NQPSRKSRAKTVDLDPGTLYVHSV from the human protein were used as the immunogen for the CAT-3 antibody.

Storage

After reconstitution, the CAT-3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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