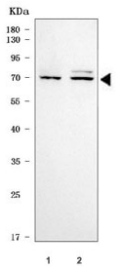
# CAT-3 Antibody / SLC7A3 (RQ7547)

| 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.


Copyright © NSJ Bioreagents. All rights reserved.