

SLC7A2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57827**Specification**

SLC7A2 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P52569
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71673

SLC7A2 Polyclonal Antibody - Additional Information**Gene ID** 6542**Other Names**

Cationic amino acid transporter 2, CAT-2, CAT2, Low affinity cationic amino acid transporter 2, Solute carrier family 7 member 2, SLC7A2, ATRC2, CAT2

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SLC7A2 Polyclonal Antibody - Protein Information**Name** SLC7A2 ([HGNC:11060](#))**Function**

Functions as a permease involved in the transport of the cationic amino acids (L-arginine, L-lysine, L-ornithine and L-homoarginine); the affinity for its substrates differs between isoforms created by alternative splicing (PubMed: <http://www.uniprot.org/citations/28684763> target="_blank">28684763, PubMed: <http://www.uniprot.org/citations/9174363> target="_blank">9174363). May play a role in classical or alternative activation of macrophages via its role in arginine transport (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed at high levels in the skeletal muscle, placenta and ovary. Expressed at intermediate levels in the liver and pancreas and at low levels in the kidney and heart

SLC7A2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC7A2 Polyclonal Antibody - Images