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SLC7A3 Rabbit pAb

Catalog # AP97769

Product Information

Application	IHC-P, IHC-F, IF, E
Predicted	Rat, Pig, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLC7A3
Epitope Specificity	221-320/619
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the amino acid-polyamine-organocation (APC) superfamily. Cationic amino acid transporter (CAT) (TC 2.A.3.3) family.
Post-translational modifications	N-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a member of the system y+ cationic amino acid transporter family. Proteins of this family allow uptake of arginine from extracellular media. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]

Additional Information

Gene ID	84889
Other Names	Atrc3; CAT-3; CAT3; SLC7A1; SLC7A2; CTR3_MOUSE; Slc7a3; Cationic amino acid transporter y+; Solute carrier family 7 member 3; CTR3_RAT; solute carrier family 7 (cationic amino acid transporter, y+ system), member 3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.
Name	SLC7A3 Rabbit pAb
Function	Mediates the uptake of the cationic amino acids arginine, lysine and ornithine in a sodium-independent manner.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.