

Rabbit anti-Human CAT2 Polyclonal Antibody | anti-CAT2 antibody

Rabbit anti-CAT2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212697	Rabbit	Human	Immunoprecipitation, Western Blot

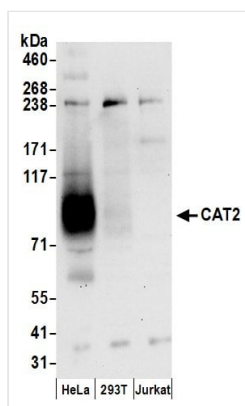
PRODUCT SYNONYMS

CAT2; Polyclonal Antibody; Rabbit anti-CAT2 Antibody; Affinity Purified; HCAT2; solute carrier family 7 (cationic amino acid transporter; y+ system); member 2; Solute carrier family 7 member 2; low affinity cationic amino acid transporter 2; CAT-2; ATRC2; cationic amino acid transporter 2; Cationic amino acid transporter 2; solute carrier family 7 member 2; anti-CAT2 antibody

PRODUCT SPECIFICATIONS

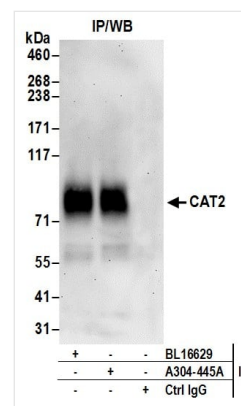
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CAT2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 608 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CAT2 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-CAT2 antibody AAA212697 (lot AAA212697-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CAT2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-CAT2 antibody AAA212697 (lot AAA212697-1) used for IP at 6 ug per reaction. CAT2 was also immunoprecipitated by rabbit anti-CAT2 antibody BL16629. For blotting immunoprecipitated CAT2, AAA212697 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-CAT2 antibody	Low affinity cationic amino acid transporter 2 (CAT2) is a low-affinity, high capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine). It plays a regulatory role in classical or alternative activation of macrophages (By similarity) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P52569].
Product Categories/Family for anti-CAT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	258614005
NCBI GeneID	6542
NCBI Accession #	NP_001008539.3
NCBI GenBank Nucleotide #	NM_001008539.3
UniProt Accession #	P52569 ; O15291 ; O15292 ; Q14CQ6 ; Q6NSZ7 ; Q86TC6 ; B7ZL54
Molecular Weight	75,986 Da
NCBI Official Full Name	cationic amino acid transporter 2 isoform 2
NCBI Official Synonym Full Names	solute carrier family 7 (cationic amino acid transporter, y+ system), member 2
NCBI Official Symbol	SLC7A2
NCBI Official Synonym Symbols	CAT2; ATRC2; HCAT2
NCBI Protein Information	cationic amino acid transporter 2; low affinity cationic amino acid transporter 2
UniProt Protein Name	Cationic amino acid transporter 2
UniProt Gene Name	SLC7A2
UniProt Synonym Gene Names	ATRC2; CAT2; CAT-2; CAT2
UniProt Entry Name	CTR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cat2-antibody-immunoprecipitation-western-blot-elisa/212697>