

CAT-4 rabbit pAb

Cat No.:ES7231

For research use only

Overview

Product Name	CAT-4 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC7A4. AA range:561-610
Specificity	CAT-4 Polyclonal Antibody detects endogenous levels of CAT-4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cationic amino acid transporter 4
Gene Name	SLC7A4
Cellular localization	Membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	6545
Human Swiss-Prot Number	O43246
Alternative Names	SLC7A4; Cationic amino acid transporter 4; CAT-4; CAT4; Solute carrier family 7 member 4
Background	function:Involved in the transport of the cationic amino acids (arginine, lysine and ornithine).,similarity:Belongs to the amino acid-polyamine-organocation (APC) superfamily. Cationic amino acid transporter (CAT) (TC 2.A.3.3) family.,



