

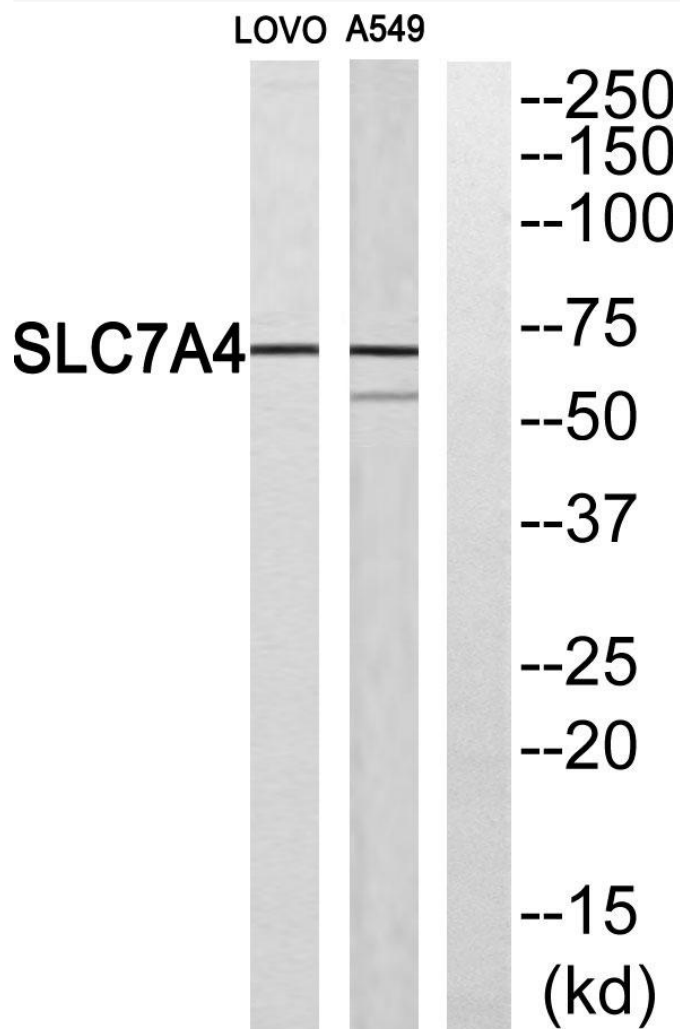


# CAT-4 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-03744
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	SLC7A4
<b>Protein Name</b>	Cationic amino acid transporter 4
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SLC7A4. AA range:561-610
<b>Specificity</b>	CAT-4 Monoclonal Antibody detects endogenous levels of CAT-4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	SLC7A4; Cationic amino acid transporter 4; CAT-4; CAT4; Solute carrier family 7 member 4
<b>Observed Band</b>	70kD
<b>Cell Pathway</b>	Membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Brain,Placenta,
<b>Function</b>	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.,
<b>Background</b>	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.,
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western Blot analysis of various cells using CAT-4 Monoclonal Antibody