

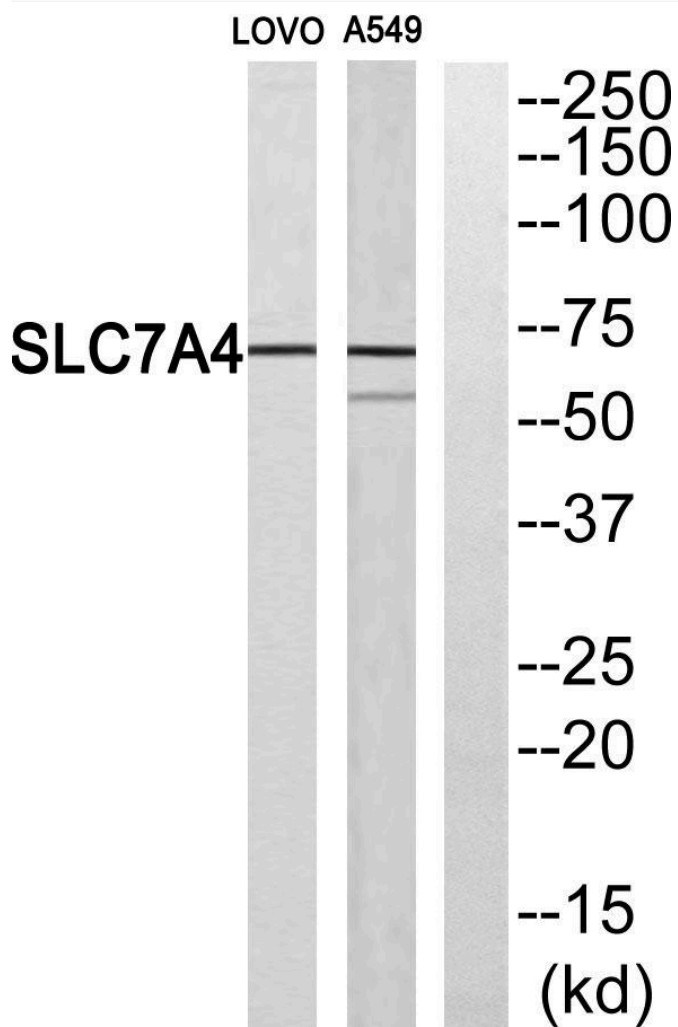


CAT-4 Monoclonal Antibody

Catalog No	YP-mAb-03744
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC7A4
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC7A4. AA range:561-610
Specificity	CAT-4 Monoclonal Antibody detects endogenous levels of CAT-4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	VH;HCAT3;CAT-4;CAT4;CAT 4;SLC7A4;Cationic amino acid transporter 4; Solute carrier family 7 member 4
Observed Band	70kD
Calculated Molecular Weight	70kD
Cell Pathway	Membrane ; Multi-pass membrane protein .
Tissue Specificity	Brain,Placenta,
Function	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.,
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.,
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

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