

**Product Name: CAT-4 Rabbit Polyclonal Antibody**  
**Catalog #: APRab07996**



## Summary

<b>Production Name</b>	CAT-4 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	SLC7A4
<b>Alternative Names</b>	SLC7A4; Cationic amino acid transporter 4; CAT-4; CAT4; Solute carrier family 7 member 4
<b>Gene ID</b>	6545.0
<b>SwissProt ID</b>	O43246.The antiserum was produced against synthesized peptide derived from human SLC7A4. AA range:561-610

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:10000
<b>Molecular Weight</b>	70kD

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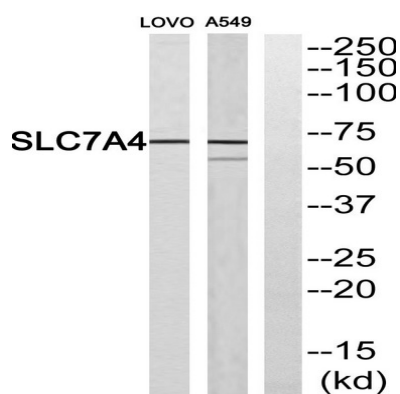


## Background

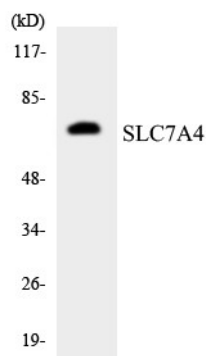
function:Involved in the transport of the cationic amino acids (arginine, lysine and ornithine),,similarity:Belongs to the amino acid-polyamine-organocation (APC) superfamily. Cationic amino acid transporter (CAT) (TC 2.A.3.3) family,,function:Involved in the transport of the cationic amino acids (arginine, lysine and ornithine),,similarity:Belongs to the amino acid-polyamine-organocation (APC) superfamily. Cationic amino acid transporter (CAT) (TC 2.A.3.3) family.,

## Research Area

## Image Data



Western blot analysis of SLC7A4 Antibody. The lane on the right is blocked with the SLC7A4 peptide.



Western blot analysis of the lysates from K562 cells using SLC7A4 antibody.

## Note

For research use only.