

Datasheet for ABIN7646453
anti-SLC7A5 antibody



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Overview

Quantity:	100 µL
Target:	SLC7A5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Large Neutral Amino Acid Transporter 1 (LAT1)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LAT1. It has been selected for its ability to recognize LAT1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SLC7A5
Alternative Name:	LAT1 (SLC7A5 Products)
Background:	CD98, MDU1, 4T2HC, 4F2, NACAE, SLC7A5, MPE16, Solute Carrier Family 7 Member 5, Cationic Amino Acid Transporter,y ⁺ System, L-Type Amino Acid Transporter

Target Details

UniProt: [Q01650](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100
Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 500 µg/mL

Buffer: PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.

Preservative: Dithiothreitol (DTT), ProClin, Sodium azide

Precaution of Use: This product contains ProClin and Dithiothreitol (DTT) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.