Datasheet for ABIN7646451

anti-SLC7A1 antibody

Go to Product page

Overview

Quantity:	100 µL
Target:	SLC7A1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cationic Amino Acid Transporter 1 (CAT1)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CAT1. It has been selected for its ability to recognize CAT1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SLC7A1
Alternative Name:	CAT1 (SLC7A1 Products)
Background:	SLC7A1, HCAT1, ATRC1, ERR, Solute Carrier Family 7 Member 1,Cationic Amino Acid Transporter,y+, Ecotropic Retroviral Receptor, High Affinity Cationic Amino Acid Transporter 1

Target Details

UniProt:	Q09143
Pathways:	Dicarboxylic Acid Transport

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 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE 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.