

Datasheet for ABIN7175937
anti-SLC7A6 antibody (AA 473-515)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	SLC7A6
Binding Specificity:	AA 473-515
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A6 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Y+L amino acid transporter 2 protein (473-515AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	SLC7A6
Alternative Name:	SLC7A6 (SLC7A6 Products)
Background:	Background: Involved in the sodium-independent uptake of dibasic amino acids and sodium-dependent uptake of some neutral amino acids. Requires coexpression with SLC3A2/4F2hc to

Target Details

mediate the uptake of arginine, leucine and glutamine. Also acts as an arginine/glutamine exchanger, following an antiport mechanism for amino acid transport, influencing arginine release in exchange for extracellular amino acids. Plays a role in nitric oxide synthesis in human umbilical vein endothelial cells (HUVECs) via transport of L-arginine. Involved in the transport of L-arginine in monocytes. Reduces uptake of ornithine in retinal pigment epithelial (RPE) cells. Aliases: SLC7A6 antibody, KIAA0245 antibody, Y+L amino acid transporter 2 antibody, Cationic amino acid transporter antibody, y+ system antibody, Solute carrier family 7 member 6 antibody, y(+)-L-type amino acid transporter 2 antibody, Y+LAT2 antibody, y+LAT-2 antibody

UniProt: [Q92536](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

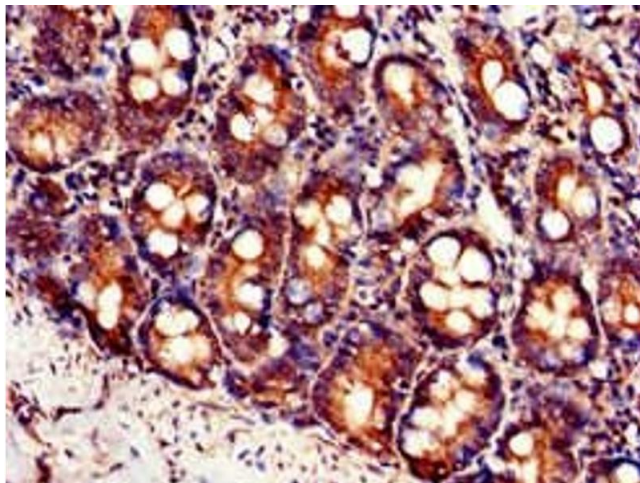
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

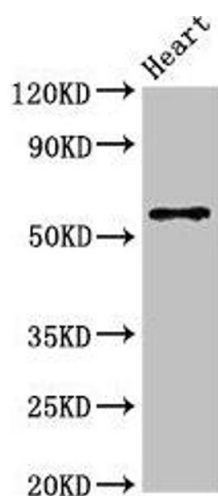
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7175937 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse heart tissue All lanes: SLC7A6 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 57 kDa Observed band size: 57 kDa