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Datasheet for ABIN7147058
anti-SLC7A2 antibody (AA 604-658) (HRP)

Overview

Quantity:	100 µg
Target:	SLC7A2
Binding Specificity:	AA 604-658
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cationic amino acid transporter 2 protein (604-658AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SLC7A2
Alternative Name:	SLC7A2 (SLC7A2 Products)
Background:	Background: Functions as permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine), the affinity for its substrates differs between isoforms created

Target Details

by alternative splicing. Isoform 1 functions as permease that mediates the transport of the cationic amino acids (arginine, lysine and ornithine), and it has much higher affinity for arginine than isoform 2. Isoform 2 functions as low-affinity, high capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine) (PubMed:9174363). May play a role in classical or alternative activation of macrophages via its role in arginine transport. Aliases: ATRC2 antibody, 20.5 antibody, Amino acid transporter, cationic 2 (low affinity) antibody, ATRC 2 antibody, CAT 2 antibody, CAT-2 antibody, CAT2 antibody, Cat2a antibody, Cat2b antibody, Cationic amino acid transporter 2A antibody, cationic amino acid transporter, y+ system, low affinity cationic amino acid transporter 2 antibody, CTR2_HUMAN antibody, HCAT 2 antibody, HCAT2 antibody, Low affinity cationic amino acid transporter 2 antibody, OTTHUMP00000216432 antibody, OTTHUMP00000216433 antibody, OTTMUSP00000041667 antibody, OTTMUSP00000041669 antibody, RCAT2 antibody, SLC7A 2 antibody, Slc7a2 antibody, Solute carrier family 7 member 2 antibody, T cell early activation protein antibody, Tea antibody

UniProt: [P52569](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.