

Datasheet for ABIN7147056

**anti-SLC7A2 antibody (AA 604-658) (Biotin)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	SLC7A2
Binding Specificity:	AA 604-658
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A2 antibody is conjugated to Biotin
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 ( <a href="#">SLC7A2 Products</a> )
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.