# antibodies -online.com





## anti-SLC7A2 antibody (AA 604-658)





Go to Product page

$\sim$	
( )\/\	view
	V I C V V

Quantity:	100 μg
Target:	SLC7A2
Binding Specificity:	AA 604-658
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

#### **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

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:

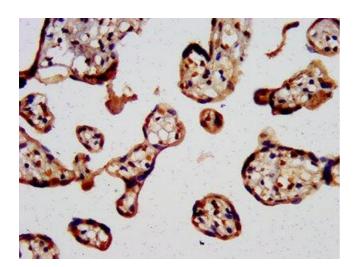
P52569

#### **Application Details**

**Application Notes:** 

, pp. eat. e. r. tetee.	
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.

Recommended dilution: IHC:1:200-1:500,



#### **Immunohistochemistry**

**Image 1.** IHC image of ABIN7147055 diluted at 1:400 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system.