

Rabbit anti-Human SLC7A11 Polyclonal Antibody | anti-SLC7A11 antibody

SLC7A11 Antibody

CATALOG # AAA308466	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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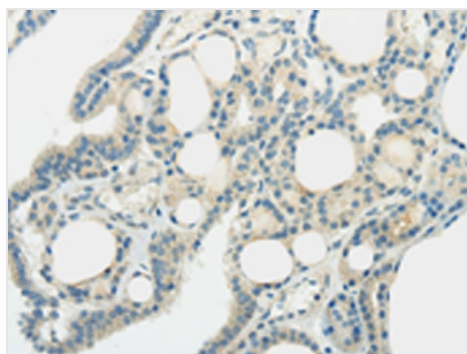
PRODUCT SYNONYMS

SLC7A11; Polyclonal Antibody; SLC7A11 Antibody; xCT; CCBR1; anti-SLC7A11 antibody

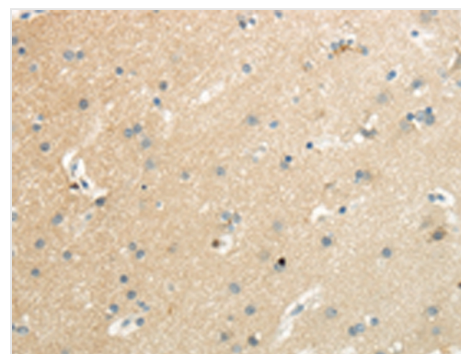
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC7A11 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	2.3 mg/ml (varies by lot)
Sequence Length	501
Applicable Applications for anti-SLC7A11 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human SLC7A11
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

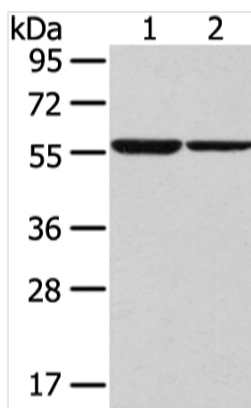
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/35.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/35.



WB (Western Blot)

Gel: 8%SDS-PAGE Lysate: 40 μ g Lane 1-2: K562 and hepg2 cell Primary antibody: 1/300 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A11 antibody	This gene encodes a member of a heteromeric, sodium-independent, anionic amino acid transport system that is highly specific for cysteine and glutamate. In this system, designated Xc(-), the anionic form of cysteine is transported in exchange for glutamate. This protein has been identified as the predominant mediator of Kaposi sarcoma-associated herpesvirus fusion and entry permissiveness into cells. Also, increased expression of this gene in primary gliomas (compared to normal brain tissue) was associated with increased glutamate secretion via the XCT channels, resulting in neuronal cell death.
Product Categories/Family for anti-SLC7A11 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657683
NCBI GeneID	23657
NCBI Accession #	NP_055146.1
NCBI GenBank Nucleotide #	NM_014331.3
UniProt Accession #	Q9UPY5; A8K2U4
Molecular Weight	55,423 Da
NCBI Official Full Name	cystine/glutamate transporter
NCBI Official Synonym Full Names	solute carrier family 7 member 11
NCBI Official Symbol	SLC7A11
NCBI Official Synonym Symbols	xCT; CCBR1
NCBI Protein Information	cystine/glutamate transporter
UniProt Protein Name	Cystine/glutamate transporter
UniProt Gene Name	SLC7A11
UniProt Entry Name	XCT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.