

Rabbit anti-Human LAT2 Polyclonal Antibody | anti-SLC7A8 antibody

LAT2 Rabbit pAb

CATALOG # AAA283181	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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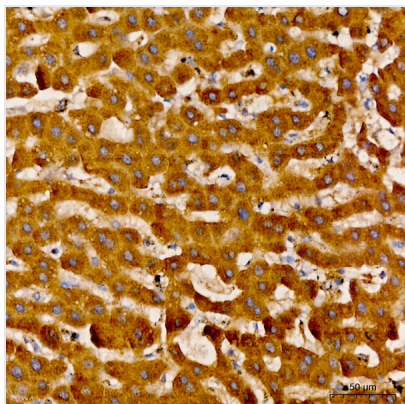
PRODUCT SYNONYMS

LAT2; Polyclonal Antibody; LAT2 Rabbit pAb; LPI-PC1; anti-SLC7A8 antibody

PRODUCT SPECIFICATIONS

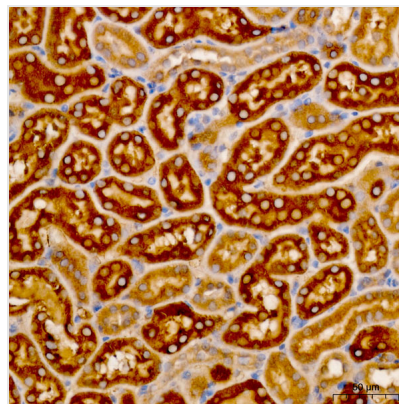
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	IIIMGIVQIC KGEYFWLEPK NAFENQEPD IGLVALAFLQ GSFAYGGWNF LNYVTEELVD PYKNLPRAIF ISIPLVTFVY VFANVAYVTA MSPQELLASN
Applicable Applications for anti-SLC7A8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 201-300 of human SLC7A8 (NP_036376.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



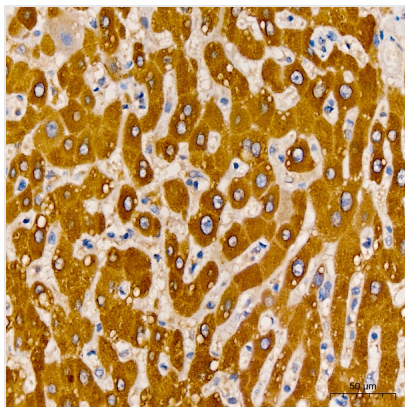
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using LAT2 Rabbit pAb (AAA283181) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



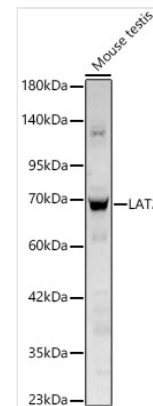
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using LAT2 Rabbit pAb (AAA283181) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using LAT2 Rabbit pAb (AAA283181) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Mouse testis using LAT2 Rabbit pAb (AAA283181) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A8 antibody	Enables several functions, including neutral amino acid transmembrane transporter activity; thyroid hormone transmembrane transporter activity; and toxin transmembrane transporter activity. Involved in L-alanine import across plasma membrane; L-leucine import across plasma membrane; and thyroid hormone transport. Located in plasma membrane. Part of basolateral plasma membrane and microvillus membrane.
Product Categories/Family for anti-SLC7A8 antibody	Cancer; Signal Transduction; Endocrine Metabolism; Amino acid metabolism; Neuroscience; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	33286428
NCBI GeneID	23428
NCBI Accession #	NP_036376.2
NCBI GenBank Nucleotide #	NM_012244.3
UniProt Accession #	Q9UHI5; Q86U05; Q9UKQ6; Q9UKQ7; Q9UKQ8; Q9Y445; B2R8Q4; B4DKT4; B4DTV6; D3DS46; F2Z2J4
Molecular Weight	Calculated MW: 58kDa Observed MW: 72kDa
UniProt Protein Name	Large neutral amino acids transporter small subunit 2
UniProt Gene Name	SLC7A8
UniProt Synonym Gene Names	LAT2; hLAT2
UniProt Entry Name	LAT2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/lat2-antibody-immunohistochemistry-western-blot-elisa/283181>