

Rabbit SLC37A4 Polyclonal Antibody | anti-SLC37A4 antibody

SLC37A4 Polyclonal Antibody

CATALOG # AAA281218	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SLC37A4; Polyclonal Antibody; SLC37A4 Polyclonal Antibody; G6PT1; G6PT2; G6PT3; GSD1b; GSD1c; GSD1d; PRO0685; TRG-19; TRG19; anti-SLC37A4 antibody

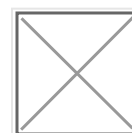
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	429
Applicable Applications for anti-SLC37A4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Source	Rabbit
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of human SLC37A4 (NP_001157752.1).
Species Reactivity/Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

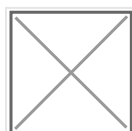
IMAGES



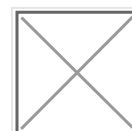
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using SLC37A4 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse lung using SLC37A4 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver using SLC37A4 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using SLC37A4 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SLC37A4 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC37A4 antibody	This gene regulates glucose-6-phosphate transport from the cytoplasm to the lumen of the endoplasmic reticulum, in order to maintain glucose homeostasis. It also plays a role in ATP-mediated calcium sequestration in the lumen of the endoplasmic reticulum. Mutations in this gene have been associated with various forms of glycogen storage disease. Alternative splicing in this gene results in multiple transcript variants.
Product Categories/Family for anti-SLC37A4 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	256219483
NCBI GeneID	2542
NCBI Accession #	NP_001157749.1
NCBI GenBank Nucleotide #	NM_001164277.1
UniProt Accession #	O43826; O96016; Q5J7V4; Q9UI19; Q9UNS4
Molecular Weight	Calculated: 46kDa; 48kDa Observed: 46kDa
NCBI Official Full Name	glucose-6-phosphate exchanger SLC37A4 isoform 1
NCBI Official Synonym Full Names	solute carrier family 37 member 4
NCBI Official Symbol	SLC37A4
NCBI Official Synonym Symbols	G6PT1; G6PT2; G6PT3; GSD1b; GSD1c; GSD1d; TRG19; TRG-19; PRO0685
NCBI Protein Information	glucose-6-phosphate exchanger SLC37A4
UniProt Protein Name	Glucose-6-phosphate exchanger SLC37A4
UniProt Gene Name	SLC37A4
UniProt Synonym Gene Names	TRG-19

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc37a4-antibody-immunohistochemistry-western-blot-elisa/281218>