Rabbit SLC37A4 Polyclonal Antibody | anti-SLC37A4 antibody

SLC37A4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199317	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

SLC37A4; Polyclonal Antibody; SLC37A4 antibody - N-terminal region; anti-SLC37A4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:LV EEIPLDKDDL GFITSSQSAA YAISKFVSGV LSDQMSARWL FSSGLLLV
Sequence Length	429
Applicable Applications for anti-SLC37A4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC37A4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-SLC37A4 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Human brain

IHC (Immunohistochemistry)
Rabbit Anti-SLC37A4 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Adult LiverObserved Staining: Cytoplasm in hepatocytes, moderate tissue distributionPrimary Antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 secProtocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC37A4 antibody	This is a rabbit polyclonal antibody against SLC37A4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SLC37A4 transports glucose-6-phosphate from the cytoplasm to the lumen of the endoplasmic reticulum. It forms with glucose-6-phosphatase the complex responsible for glucose production through glycogenolysis and gluconeogenesis. Hence, it plays a central role in homeostatic regulation of blood glucose levels.
Product Categories/Family for anti-SLC37A4 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503847
NCBI GeneID	2542
NCBI Accession #	NP_001458
NCBI GenBank Nucleotide #	NM_001467
UniProt Accession #	O43826
Molecular Weight	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 translocase
UniProt Gene Name	**SLC37A4**
UniProt Synonym Gene Names	G6PT; G6PT1; PRO0685; TRG19; TRG-19
UniProt Entry Name	G6PT1_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/slc37a4-antibody-western-blot-immunohistochemistry-elisa/199317