

Rabbit Slc37A2 Polyclonal Antibody | anti-SLC37A2 antibody

Slc37A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40040	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

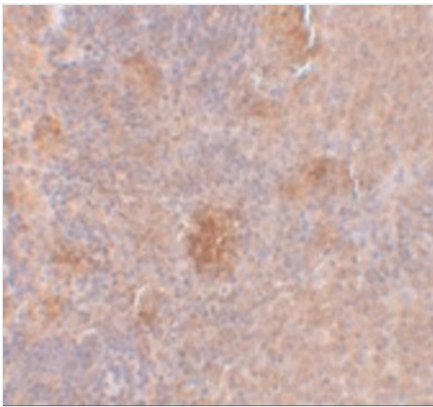
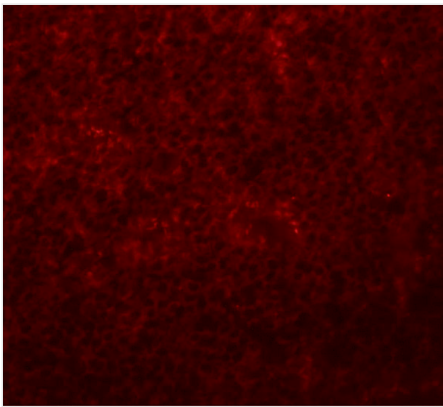
PRODUCT SYNONYMS

Slc37A2; Polyclonal Antibody; Slc37A2 Antibody; pp11662; SPX2; Sugar phosphate exchanger 2; Solute carrier family 37 member 2; solute carrier family 37 (glycerol-3-phosphate transporter); member 2; anti-SLC37A2 antibody

PRODUCT SPECIFICATIONS

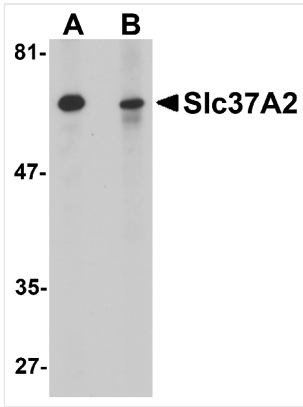
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Slc37A2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	505
Applicable Applications for anti-SLC37A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Slc37A2 antibody was raised against a 15 amino acid synthetic peptide near the center of human Slc37A2.
Buffer	Slc37A2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Slc37A2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of Slc37A2 in rat spleen tissue with Slc37A2 antibody at 20 μ g/mL.

IHC (Immunohistochemistry)
Immunohistochemistry of Slc37A2 in rat spleen tissue with Slc37A2 antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of Slc37A2 in mouse spleen tissue lysate with Slc37A2 antibody at 1 μ g/mL in the (A) absence and (B) presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC37A2 antibody	Slc37A2 Antibody: The Slc37 gene family consists of four members which have 10-12 predicted transmembrane domains and belong to the sugar-phosphate transporter superfamily. Recent experiments have demonstrated that Slc37A2 is a macrophage-specific gene selectively expressed in obese white adipose tissue. Its transcript is also expressed in spleen and thymus and the cell lines RAW264.7 and THP-1. Compared to wild-type mice, Slc37A2 mRNA is expressed at nine-fold higher levels in abdominal epididymal fat deposits of ob/ob mice, suggesting that it may be required to limit the contribution of macrophages to the inflammatory state present in obesity. Slc37A2 protein is post-translationally modified with the addition of N-linked glycans and migrates as a heterogeneous species of 50-75kDa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38093649
NCBI GeneID	219855
NCBI Accession #	NP_938018
NCBI GenBank Nucleotide #	NM_198277.2
UniProt Accession #	Q8TED4; Q6P599; Q7Z7P8; Q8TEM2; A8K2P9
Molecular Weight	13,154 Da
NCBI Official Full Name	sugar phosphate exchanger 2 isoform 1

NCBI Official Synonym Full Names	solute carrier family 37 (glucose-6-phosphate transporter), member 2
NCBI Official Symbol	SLC37A2
NCBI Official Synonym Symbols	pp11662
NCBI Protein Information	sugar phosphate exchanger 2; solute carrier family 37 member 2; solute carrier family 37 (glycerol-3-phosphate transporter), member 2
UniProt Protein Name	Sugar phosphate exchanger 2
UniProt Gene Name	SLC37A2
UniProt Synonym Gene Names	SPX2
UniProt Entry Name	SPX2_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://www.aaabiotech.com/polyclonal/slc37a2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40040>