

Rabbit anti-Human SLC25A21 Polyclonal Antibody | anti-SLC25A21 antibody

SLC25A21 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283176	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SLC25A21; Polyclonal Antibody; SLC25A21 Rabbit pAb; ODC; ODC1; MTDPS18; anti-SLC25A21 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	PSTVGYARQI IKKEGWGLQG LNKGLTATLG RHGVFNMVYF GFYYNVKNMI PVNKDPIEF WRKFGIGLLS GTIASVINIP FDVAKSRIQG PQPVPGEIKY
Applicable Applications for anti-SLC25A21 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 148-247 of human SLC25A21(NP_085134.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



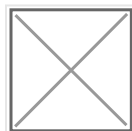
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using SLC25A21 Rabbit pAb (AAA283176) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using SLC25A21 Rabbit pAb (AAA283176) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from K-562 cells, using SLC25A21 Rabbit pAb (AAA283176) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A21 antibody	SLC25A21 is a homolog of the S. cerevisiae ODC proteins, mitochondrial carriers that transport C5-C7 oxodicarboxylates across inner mitochondrial membranes. One of the species transported by ODC is 2-oxoadipate, a common intermediate in the catabolism of lysine, tryptophan, and hydroxylysine in mammals. Within mitochondria, 2-oxoadipate is converted into acetyl-CoA.
Product Categories/Family for anti-SLC25A21 antibody	Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	283837920
NCBI GeneID	89874
NCBI Accession #	NP_001164641.1
NCBI GenBank Nucleotide #	NM_001171170.1
UniProt Accession #	Q9BQT8; Q3MJ99
Molecular Weight	Calculated MW: 33kDa Observed MW: 33kDa
UniProt Protein Name	Mitochondrial 2-oxodicarboxylate carrier
UniProt Gene Name	SLC25A21
UniProt Synonym Gene Names	ODC
UniProt Entry Name	ODC_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/slc25a21-antibody-immunohistochemistry-western-blot-elisa/283176>