Rabbit anti-Human FATP4/SLC27A4 Monoclonal Antibody | anti-SLC27A4 antibody

FATP4/SLC27A4 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282916	**Rabbit**	**Human**	**ELISA, Western Blot**

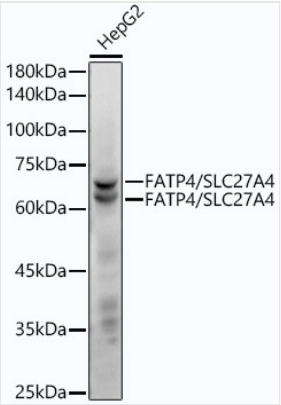
PRODUCT SYNONYMS

FATP4/SLC27A4; Monoclonal Antibody; FATP4/SLC27A4 Rabbit mAb; IPS; FATP4; ACSVL4; anti-SLC27A4 antibody

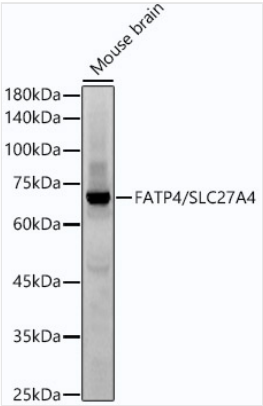
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RVFIKTIRRD IFGGLVLLKV KAKVRQCLQE RRTVPILFAS TVRRHPDKTA LIFEGTDTHW TFRQLDEYSS SVANFLQARG LASGDVAAIF MENRNEFVGL WLGMAKLGVE AALINTNLRR DALLHCLTTS RARALVFGSE MASAICEVHA SLDPSLSLFC SGSWEPGAVP PSTEHLDPLL KDAPKHLPSC PDKGF
Applicable Applications for anti-SLC27A4 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 43-237 of human FATP4/SLC27A4 (NP_005085.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from HepG2 cells, using FATP4/SLC27A4 Rabbit mAb (AAA282916) at1:2000 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 Enhanced Kit (RM00021).Exposure time: 60s.



WB (Western Blot)
Western blot analysis of lysates from Mouse brain, using FATP4/SLC27A4 Rabbit mAb (AAA282916) at1:2000 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: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC27A4 antibody	This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids cross the plasma membrane. This protein is expressed at high levels on the apical side of mature enterocytes in the small intestine, and appears to be the principal fatty acid transporter in enterocytes. Clinical studies suggest this gene as a candidate gene for the insulin resistance syndrome. Mutations in this gene have been associated with ichthyosis prematurity syndrome.
Product Categories/Family for anti-SLC27A4 antibody	Cancer; Signal Transduction; Endocrine Metabolism; Lipid Metabolism; Neuroscience; Cardiovascular; Lipids; Fatty Acids; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807357
NCBI GeneID	10999
NCBI Accession #	NP_005085.2
NCBI GenBank Nucleotide #	NM_005094.3
UniProt Accession #	Q6P1M0; O95186; A8K2F7
Molecular Weight	Calculated MW: 72kDa Observed MW: 65kDa/70kDa
UniProt Protein Name	Long-chain fatty acid transport protein 4
UniProt Gene Name	**SLC27A4**
UniProt Synonym Gene Names	ACSVL4; FATP4; FATP-4
UniProt Entry Name	S27A4_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/monoclonal/fatp4-slc27a4-antibody-western-blot-elisa/282916