

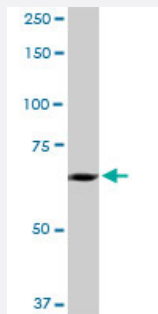
MaxPab®

SLC27A5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010998-B01P

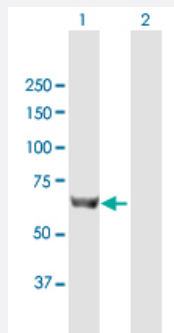
Size 50 ug

Applications



Western Blot (Tissue lysate)

SLC27A5 MaxPab polyclonal antibody. Western Blot analysis of SLC27A5 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of SLC27A5 expression in transfected 293T cell line ([H00010998-T01](#)) by SLC27A5 MaxPab polyclonal antibody.

Lane 1: SLC27A5 transfected lysate(75.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SLC27A5 protein.

Immunogen

SLC27A5 (AAI48808.1, 1 a.a. ~ 690 a.a) full-length human protein.

Sequence	MGVRQQALALLLLLLLLWGLGQPVWPVAVALTLRWLLGDPTCCVLLGLAMLARPWLGPWVPHG LSLAAAALALTLLPARLPPGLRWLPADVIFLAKILHLGLKIRGCLSRQPPDTFVDAFERRARAQPGR ALLVWTGPGAGSVTFGELDARACQAAWALKAE LGDPASLCAGEPTALLVLASQAVPALCMWLG LAKLGCPTAWINPHGRGMPLAHSVLSSGARVLVDPDLRESLEEILPKLQAENIRCFYLSHTSPTP GVGALGAALDAAPSHVPADLRAGITWRSPALFYTS GTTGLPKPAILTHERVLQMSKMLSLSGAT ADDVVYTVLPLYHVMGLVVGILGCLDLGATCVLAPKFSTSCFWDDCRQHGVTVILYVGELLRYLC NIPQQPEDRTHTVRLAMGNGLRADVWETFQQRFGPIRWEVYGSTEGNMGLVNYVGRCGALGKM SCLLRMLSPFELVQFDMEAAEPVRDNQGF CIPVGLGEPGLLLTKVVSQQPFVGYRGPRELSEK LVRNVRQSGDVYYNTGDV LAMDREGFLYFRDRLGDTFRWKGENVSTHEVEGVLSQVDFLQQVN VYGVCVPGCEGKVGMAAVQLAPGQTFDGEKLYQHVRWLPA YATPHFIRIQDAMEVTSTFKLMK TRLVREGFNVMVDPLFVL DNRAQSFRPLTAEMYQAVCEGTWRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (71)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SLC27A5 MaxPab polyclonal antibody. Western Blot analysis of SLC27A5 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SLC27A5 expression in transfected 293T cell line ([H00010998-T01](#)) by SLC27A5 MaxPab polyclonal antibody.

Lane 1: SLC27A5 transfected lysate(75.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SLC27A5

Entrez GeneID [10998](#)

GeneBank Accession# [BC148807](#)

Protein Accession#	AA48808.1
Gene Name	SLC27A5
Gene Alias	ACSB, ACSVL6, FACVL3, FATP5, FLJ22987, VLACSR, VLCS-H2, VLC SH2
Gene Description	solute carrier family 27 (fatty acid transporter), member 5
Omim ID	603314
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an isozyme of very long-chain acyl-CoA synthetase (VLCS). It is capable of activating very long-chain fatty-acids containing 24- and 26-carbons. It is expressed in liver and associated with endoplasmic reticulum but not with peroxisomes. Its primary role is in fatty acid elongation or complex lipid synthesis rather than in degradation. This gene has a mouse ortholog. [provided by RefSeq]
Other Designations	fatty-acid-Coenzyme A ligase, very long-chain 3 very long-chain acyl-CoA synthetase homolog 2 very long-chain acyl-CoA synthetase-related protein

Pathway

- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Primary bile acid biosynthesis](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)