ILVBL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ILVBL, Polyclonal Antibody
Full Product Name	ILVBL Antibody; Biotin conjugated
Product Gene Name	anti-ILVBL antibody
Product Synonym Names	Acetolactate synthase-like protein; IlvB-like protein; ILVBL; AHAS
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: ILVBL (MBS7000039) Biotin Conjugated Antibody: ILVBL (MBS7006497)
Molecular Weight	67,868 Da
OMIM	605770
3D Structure	ModBase 3D Structure for A1L0T0
Immunogen	Recombinant human Acetolactate synthase-like protein
Conjugation	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-168183 / sc-168185
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ILVBL antibody	ELISA (EIA)
Related Product Information for anti-ILVBL antibody	MBS7006497 is an antibody targeting ILVBL. Also known as ILVBL Antibody; Biotin conjugated. Reactive in Human. Host: Rabbit. membrane
Other Notes	Small volumes of anti-ILVBL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ILVBL. It may not necessarily be applicable to this product.

NCBI GI #	21361361
NCBI GeneID	10994
NCBI Accession #	NP_006835.2

UniProt Primary Accession #	A1L0T0
UniProt Secondary Accession #	O43341; Q96F08; Q99651; Q9BWN5; Q9UEB2
UniProt Related Accession #	A1L0T0
GenBank Nucleotide #	NM_006844.4
NCBI Official Full Name	acetolactate synthase-like protein
NCBI Official Synonym Full Names	ilvB (bacterial acetolactate synthase)-like
NCBI Official Symbol	ILVBL
NCBI Official Synonym Symbols	AHAS; 209L8; ILV2H
UniProt Protein Name	Acetolactate synthase-like protein
UniProt Synonym Protein Names	IlvB-like protein
Protein Family	Acetolactate synthase-like protein
UniProt Gene Name	ILVBL
UniProt Synonym Gene Names	AHAS
UniProt Entry Name	ILVBL_HUMAN
NCBI Protein Information	acetolactate synthase-like protein
NCBI Summary for ILVBL	The protein encoded by this gene shares similarity with several thiamine pyrophosphate-binding proteins identified in bacteria, yeast, and plants. The highest degree of similarity is found with bacterial acetolactate synthases (AHAS), which are enzymes that catalyze the first step in branched-chain amino acid biosynthesis. [provided by RefSeq, Jul 2008]
UniProt Comments for ILVBL	ILVBL: shares similarity with several thiamine pyrophosphate-binding proteins identified in bacteria, yeast, and plants. The highest degree of similarity is found with bacterial acetolactate synthases (AHAS), which are enzymes that catalyze the first step in branched-chain amino acid biosynthesis. [provided by RefSeq, Jul 2008] Protein type: EC 2.2.1.-; Transferase; Membrane protein, integral Chromosomal Location of Human Ortholog: 19p13.1 Cellular Component: integral to membrane; membrane Molecular Function: magnesium ion binding; protein binding; thiamin pyrophosphate binding; transferase activity Biological Process: metabolic process
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/ilvbl/7006497