10320 Camino Santa Fe, Suite G
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ILVBL Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10284b

Specification

ILVBL Antibody (C-term) Blocking peptide - Product Information

Primary Accession	A1L0T0
Other Accession	NP_006835.2

ILVBL Antibody (C-term) Blocking peptide - Additional Information

Gene ID 10994

Other Names
Acetolactate synthase-like protein, 221-, IlvB-like protein, ILVBL, AHAS

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ILVBL Antibody (C-term) Blocking peptide - Protein Information

Name ILVBL (HGNC:6041)

Function
Endoplasmic reticulum 2-OH acyl-CoA lyase involved in the cleavage (C1 removal) reaction in the fatty acid alpha-oxydation in a thiamine pyrophosphate (TPP)-dependent manner. Involved in the phytosphingosine degradation pathway.

Cellular Location
Endoplasmic reticulum membrane; Single-pass membrane protein

Tissue Location
Expressed in all tissues tested, with highest expression in heart, pancreas and placenta

ILVBL Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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ILVBL Antibody (C-term) Blocking peptide - Images

ILVBL Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene shares similarity withseveral thiamine pyrophosphate-binding proteins identified inbacteria, yeast, and plants. The highest degree of similarity isfound with bacterial acetolactate synthases (AHAS), which areenzymes that catalyze the first step in branched-chain amino acidbiosynthesis.

ILVBL Antibody (C-term) Blocking peptide - References

Joutel, A., et al. Genomics 38(2):192-198(1996)