

#### ILVBL Antibody (Center) Blocking Peptide Synthetic peptide

Catalog # BP9531c

Specification

# ILVBL Antibody (Center) Blocking Peptide - Product Information

Primary Accession

#### <u>A1L0T0</u>

## ILVBL Antibody (Center) 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 (Center) Blocking Peptide - Protein Information

Name ILVBL (<u>HGNC:6041</u>)

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 (Center) Blocking Peptide - Protocols

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

<u>Blocking Peptides</u>

ILVBL Antibody (Center) Blocking Peptide - Images



## ILVBL Antibody (Center) Blocking Peptide - Background

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.

#### ILVBL Antibody (Center) Blocking Peptide - References

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