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FHL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6852b

Specification

FHL1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q13642

FHL1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2273

Other Names
Four and a half LIM domains protein 1, FHL-1, Skeletal muscle LIM-protein 1, SLIM, SLIM-1, FHL1, SLIM1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6852b was selected from the C-term region of human FHL1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

FHL1 Antibody (C-term) Blocking Peptide - Protein Information

Name FHL1

Synonyms SLIM1

Function
May have an involvement in muscle development or hypertrophy.

Cellular Location
[Isoform 1]: Cytoplasm. [Isoform 2]: Nucleus. Cytoplasm, cytosol. Note=Predominantly nuclear in myoblasts but is cytosolic in differentiated myotubes

Tissue Location
Isoform 1 is highly expressed in skeletal muscle and to a lesser extent in heart, placenta, ovary, prostate, testis, small intestine, colon and spleen. Expression is barely detectable in brain, lung,

liver, kidney, pancreas, thymus and peripheral blood leukocytes. Isoform 2 is expressed in brain, skeletal muscle and to a lesser extent in heart, colon, prostate and small intestine. Isoform 3 is expressed in testis, heart and skeletal muscle

FHL1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

FHL1 Antibody (C-term) Blocking Peptide - Images

FHL1 Antibody (C-term) Blocking Peptide - Background

FHL1 is a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes.

FHL1 Antibody (C-term) Blocking Peptide - References

Gueneau,L., et.al., Am. J. Hum. Genet. 85 (3), 338-353 (2009)