

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

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**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](/products/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)