

FHL2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6878a**Specification**

FHL2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q14192](#)**FHL2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2274**Other Names**

Four and a half LIM domains protein 2, FHL-2, LIM domain protein DRAL, Skeletal muscle LIM-protein 3, SLIM-3, FHL2, DRAL, SLIM3

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6878a](#) was selected from the N-term region of human FHL2. 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.

FHL2 Antibody (N-term) Blocking Peptide - Protein Information**Name** FHL2**Synonyms** DRAL, SLIM3**Function**

May function as a molecular transmitter linking various signaling pathways to transcriptional regulation. Negatively regulates the transcriptional repressor E4F1 and may function in cell growth. Inhibits the transcriptional activity of FOXO1 and its apoptotic function by enhancing the interaction of FOXO1 with SIRT1 and FOXO1 deacetylation. Negatively regulates the calcineurin/NFAT signaling pathway in cardiomyocytes (PubMed: [28717008](http://www.uniprot.org/citations/28717008)).

Cellular Location

Cytoplasm. Nucleus. Cytoplasm, myofibril, sarcomere, Z line {ECO:0000250|UniProtKB:O35115}

Tissue Location

Expressed in skeletal muscle and heart.

FHL2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FHL2 Antibody (N-term) Blocking Peptide - Images**FHL2 Antibody (N-term) Blocking Peptide - Background**

LIM proteins contain a highly conserved double zinc finger motif called the LIM domain. FHL2 may function as a molecular transmitter linking various signaling pathways to transcriptional regulation. It negatively regulates the transcriptional repressor E4F1 and may function in cell growth.

FHL2 Antibody (N-term) Blocking Peptide - References

Ding,L., et.al., J. Clin. Invest. 119 (2), 349-361 (2009)