

Anti-FHL3 Picoband Antibody
Catalog # ABO11682**Specification**

Anti-FHL3 Picoband Antibody - Product Information

Application	WB
Primary Accession	Q13643
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Four and a half LIM domains protein 3(FHL3) detection. Tested with WB in Human;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-FHL3 Picoband Antibody - Additional Information

Gene ID 2275

Other Names

Four and a half LIM domains protein 3, FHL-3, Skeletal muscle LIM-protein 2, SLIM-2, FHL3, SLIM2

Calculated MW

31192 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human, Rat

Tissue Specificity

Expressed only in skeletal muscle.

Protein Name

Four and a half LIM domains protein 3

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human FHL3 (41-84aa AECQQLIGHDSRELFYEDRHFHEGCFRCCRCQRSLADEPFTCQD), identical to the related mouse sequence.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-FHL3 Picoband Antibody - Protein Information

Name FHL3

Synonyms SLIM2

Function

Recruited by SOX15 to FOXK1 promoters where it acts as a transcriptional coactivator of FOXK1.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q9R059}. Cytoplasm {ECO:0000250|UniProtKB:Q9R059}

Tissue Location

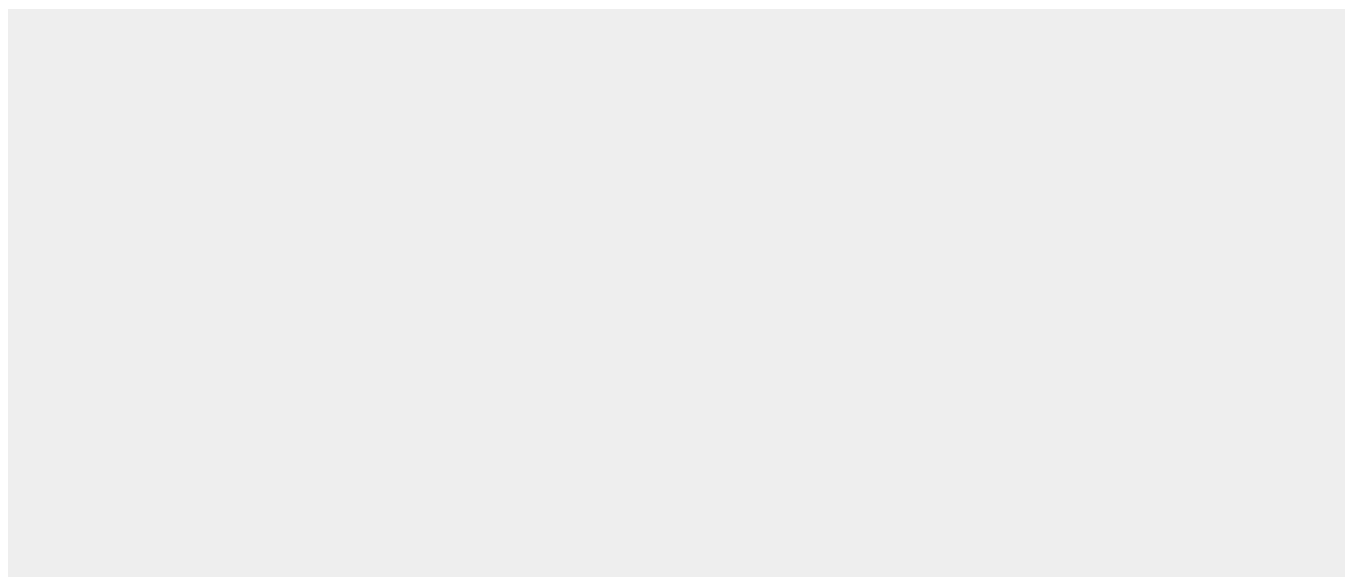
Expressed only in skeletal muscle.

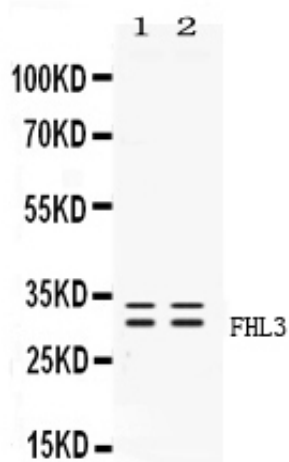
Anti-FHL3 Picoband Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FHL3 Picoband Antibody - Images





Western blot analysis of FHL3 expression in rat testis extract (lane 1) and PANC-1 whole cell lysates (lane 2). FHL3 at 31KD was detected using rabbit anti- FHL3 Antigen Affinity purified polyclonal antibody (Catalog # ABO11682) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .

Anti-FHL3 Picoband Antibody - Background

Four and a half LIM domains protein 3 is a protein that in humans is encoded by the FHL3 gene. The protein encoded by this gene is a member of a family of proteins containing a four-and-a-half LIM domain, which is a highly conserved double zinc finger motif. The encoded protein has been shown to interact with the cancer developmental regulators SMAD2, SMAD3, and SMAD4, the skeletal muscle myogenesis protein MyoD, and the high-affinity IgE beta chain regulator MZF-1. This protein may be involved in tumor suppression, repression of MyoD expression, and repression of IgE receptor expression. Two transcript variants encoding different isoforms have been found for this gene.