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Datasheet for ABIN5647119
anti-FHL3 antibody (AA 41-84)

1 Image

Overview

Quantity:	100 µg
Target:	FHL3
Binding Specificity:	AA 41-84
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 41-84 (AECQQLIGHDSRELFYEDRHFHEGCFRCCRCQRSLADEPFTCQD from the human protein were used as the immunogen for the FHL3 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	FHL3
Alternative Name:	FHL3 (FHL3 Products)
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,

Target Details

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.

UniProt: [Q13643](#)

Application Details

Application Notes: Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

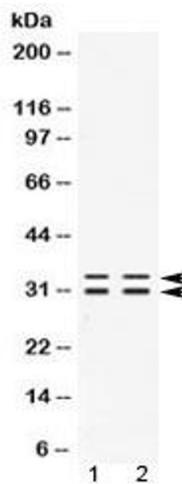
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the FHL3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of 1) rat testis and 2) human PANC1 lysate with FHL3 antibody at 0.5µg/ml. Predicted molecular weight: ~31 kDa, can also be observed at 33-34 kDa.