

FHL2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52007

Specification

FHL2 Antibody - Product Information

Application	WB
Primary Accession	Q14192
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32 KDa
Antigen Region	71 - 130

FHL2 Antibody - 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

KLH conjugated synthetic peptide derived from human FHL2

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.1% Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

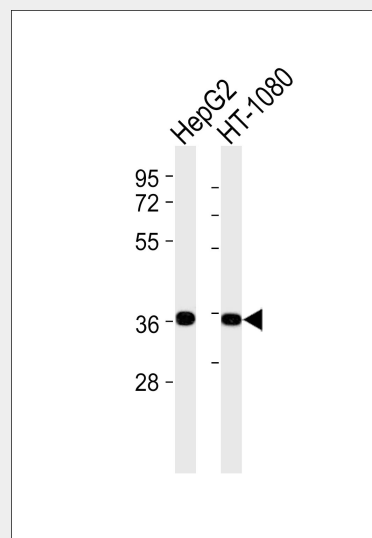
FHL2 Antibody - Protein Information

Name FHL2

Synonyms DRAL, SLIM3

Function

May function as a molecular transmitter linking various signaling pathways to



All lanes : Anti-FHL2 Antibody at 1:1000 dilution
Lane 1: HepG2 whole cell lysates
Lane 2: HT-1080 whole cell lysates
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 32 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

FHL2 Antibody - Background

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.

FHL2 Antibody - References

Genini M., et al. DNA Cell Biol. 16:433-442(1997).
Chan K.K., et al. Gene 210:345-350(1998).
Tanahashi H., et al. Hum. Mol. Genet. 9:2281-2289(2000).
Qian Z., et al. Submitted (NOV-2005) to the

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).

Cellular Location

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

Tissue Location

Expressed in skeletal muscle and heart.

EMBL/GenBank/DDBJ databases.
Morgan M.J.,et al.Biochem. Biophys. Res. Commun. 225:632-638(1996).

FHL2 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](#)