

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, 0.09% (W/V) 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 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}

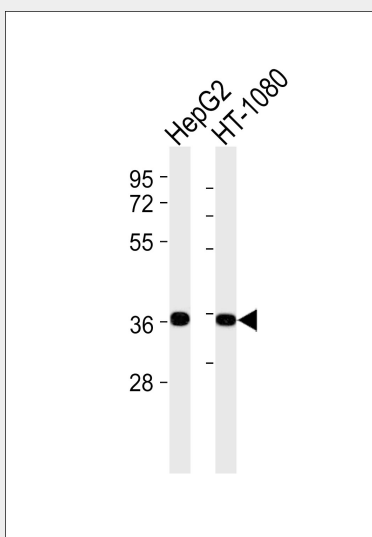
Tissue Location

Expressed in skeletal muscle and heart.

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](#)

FHL2 Antibody - Images

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 EMBL/GenBank/DDBJ databases.

Morgan M.J.,et al.Biochem. Biophys. Res. Commun. 225:632-638(1996).