

FHL2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52007

Product Information

Application	WB
Primary Accession	Q14192
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32193

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

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.

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.

References

Genini M.,et al.DNA Cell Biol. 16:433-442(1997).

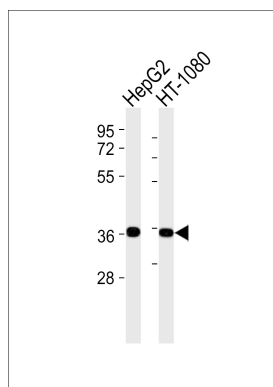
Chan K.K.,et al.Gene 210:345-350(1998).

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).

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.

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