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FHL2 Antibody

Rabbit mAb Catalog # AP91818

Product Information

Application WB, IF, ICC, IP **Primary Accession** Q14192

Reactivity Rat, Human, Mouse

Clonality Monoclonal

Other Names AAG11; DRAL; Fhl2; SLIM3;

IsotypeRabbit IgGHostRabbitCalculated MW32193

Additional Information

Dilution WB 1:500~1:1000 ICC/IF 1:50~1:200 IP 1:40

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human FHL2

Description 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.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name FHL2

Synonyms DRAL, SLIM3

Function May function as a molecular transmitter linking various signaling pathways

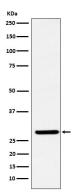
to transcriptional regulation. Negatively regulates the transcriptional repressor E4F1 and may function in cell growth. Inhibits the transcriptional activity of FOXO1 and its apoptotic function by enhancing the interaction of FOXO1 with SIRT1 and FOXO1 deacetylation. Negatively regulates the calcineurin/NFAT 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.

Images



Western blot analysis of FHL2 expression in SW480 cell lysate.

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