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FHL2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10132

Specification

FHL2 antibody - C-terminal region - Product Information

Application	**WB, IHC**
Primary Accession	Q14192
Other Accession	Q14192, NP_963849, NM_201555
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine**
Predicted	**Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Horse, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**32 kDa KDa**

FHL2 antibody - C-terminal region - Additional Information

Gene ID 2274

Alias Symbol **DRAL, AAG11, FHL-2, SLIM3, SLIM-3**

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
FHL2 is a member of LIM proteins that contain a highly conserved double zinc finger motif called the LIM domain.

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 100 ul of distilled water. Final anti-FHL2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
FHL2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

FHL2 antibody - C-terminal region - 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.

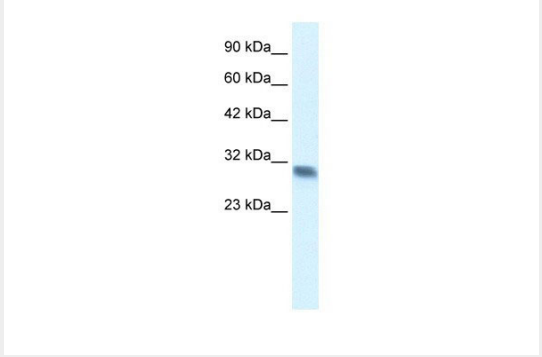
FHL2 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FHL2 antibody - C-terminal region - Images

FHL2 antibody - C-terminal region (AI10132) in Human Heart cells using Immunohistochemistry Human Heart



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FHL2 antibody - C-terminal region (AI10132) in Human heart cells using Western Blot
WB Suggested Anti-FHL2 Antibody Titration: 0.6µg/ml
ELISA Titer: 1:312500
Positive Control: Human heart

FHL2 antibody - C-terminal region - Background

This is a rabbit polyclonal antibody against FHL2. It was validated on Western Blot and immunohistochemistry by Abgent. At Abgent we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).