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# Anti-FHL2 Rabbit Monoclonal Antibody

Catalog # ABO15349

## Product Information

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|---|---|
| **Application** | WB, IF, ICC, IP |
| **Primary Accession** | Q14192 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Reactivity** | Rat, Human, Mouse |
| **Clonality** | Monoclonal |
| **Format** | Liquid |
| **Description** | Anti-FHL2 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

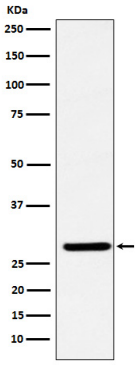
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| **Gene ID** | 2274 |
| **Other Names** | Four and a half LIM domains protein 2, FHL-2, LIM domain protein DRAL, Skeletal muscle LIM-protein 3, SLIM-3, FHL2, DRAL, SLIM3 |
| **Calculated MW** | 32193 |
| **Application Details** | WB 1:500-1:1000<br>ICC/IF 1:50-1:200<br>IP 1:40 |
| **Source** | Eukaryota |
| **Contents** | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA. |
| **Clone Names** | Clone: 19F25 |
| **Immunogen** | A synthesized peptide derived from human FHL2 |
| **Purification** | Affinity-chromatography |
| **Storage** | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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| **Name** | FHL2 |
| **Synonyms** | DRAL, SLIM3 |
| **Function** | May function as a molecular transmitter linking various signaling pathways |

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| | 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.