

Rabbit anti-Human FHL1 Polyclonal Antibody | anti-FHL1 antibody

FHL1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290065	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

FHL1; Polyclonal Antibody; FHL1 Antibody (C-term); Four and a half LIM domains protein 1; FHL-1; Skeletal muscle LIM-protein 1; SLIM; SLIM-1; SLIM1; anti-FHL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FHL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-240 amino acids from the C-terminal region of human FHL1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	214-240
Sequence Length	296
Applicable Applications for anti-FHL1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of FHL1 (arrow) using rabbit polyclonal FHL1 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the FHL1 gene.

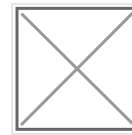


FCM/FACS (Flow Cytometry)

Flow cytometric analysis of wdr cells using FHL1 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**IHC (Immunohistochemistry)**

Formalin-fixed and paraffin-embedded human skeletal muscle reacted with FHL1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of FHL1 Antibody (C-term) in NIH-3T3 cell line lysates (35ug/lane). FHL1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FHL1 antibody	FHL1 is a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes.
Product Categories/Family for anti-FHL1 antibody	Cardiovascular
References	Gueneau,L., et.al., Am. J. Hum. Genet. 85 (3), 338-353 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	228480205
NCBI GeneID	2273
NCBI Accession #	NP_001153171.1; NP_001153172.1; NP_001153173.1; NP_001153174.1; NP_001153175.1; NP_001153176.1; NP_001161291.1; NP_001440.2
NCBI GenBank Nucleotide #	NM_001159699.1
UniProt Accession #	Q13642; O95212; Q13230; Q13645; Q5JXI7; Q5M7Y6; Q6IB30; Q9NZ40; Q9UKZ8; Q9Y630; B7Z5T4; B7Z793
Molecular Weight	36263
NCBI Official Full Name	four and a half LIM domains protein 1 isoform 5
NCBI Official Synonym Full Names	four and a half LIM domains 1
NCBI Official Symbol	FHL1
NCBI Official Synonym Symbols	KYOT; SLIM; FHL-1; FHL1A; FHL1B; FLH1A; SLIM1; XMPMA; SLIM-1; SLIMMER
NCBI Protein Information	four and a half LIM domains protein 1
UniProt Protein Name	Four and a half LIM domains protein 1
UniProt Gene Name	FHL1
UniProt Synonym Gene Names	SLIM1; FHL-1; SLIM; SLIM-1
UniProt Entry Name	FHL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fhl1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290065>