

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

Anti-FHL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125421	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

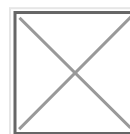
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	296
Applicable Applications for anti-FHL1 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human FHL1 recombinant protein (Position: A2-P323).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

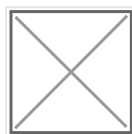
IMAGES



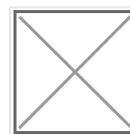
WB (Western Blot)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)



IF (Immunofluorescence)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-FHL1 antibody	Description: Rabbit IgG polyclonal antibody for FHL detection. Tested with WB, IHC-P, ICC/IF, FCM, Direct ELISA in Human. Background: Four and a half LIM domains protein 1 is a protein that in humans is encoded by the FHL1 gene. It is mapped to Xq26.3. This gene encodes 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. Mutations in this gene have been found in patients with Emery-Dreifuss muscular dystrophy. Multiple alternately spliced transcript variants which encode different protein isoforms have been described.
References	1. Morgan MJ, Madgwick AJ (Aug 1996). "Slim defines a novel family of LIM-proteins expressed in skeletal muscle". Biochemical and Biophysical Research Communications. 225 (2): 632-8. 2. Lee SM, Tsui SK, Chan KK, Garcia-Barcelo M, Waye MM, Fung KP, Liew CC, Lee CY (Aug 1998). "Chromosomal mapping, tissue distribution and cDNA sequence of four-and-a-half LIM domain protein 1 (FHL1)". Gene. 216 (1): 163-70. 3. Windpassinger C, Schoser B, Straub V, Hochmeister S, Noor A, Lohberger B, Farra N, Petek E, Schwarzbraun T, Ofner L, Löscher WN, Wagner K, Lochmüller H, Vincent JB, Quasthoff S (Jan 2008). "An X-linked myopathy with postural muscle atrophy and generalized hypertrophy, termed XMPMA, is caused by mutations in FHL1". American Journal of Human Genetics. 82 (1): 88-99. doi:10.1016/j.ajhg.2007.09.004.

NCBI AND UNIPROT INFORMATION

NCBI GI #	228480205
NCBI GeneID	2273
NCBI Accession #	NP_001153171.1
NCBI GenBank Nucleotide #	NP_001153171.1
UniProt Accession #	Q13642
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; FCMSU; FHL-1; FHL1A; FHL1B; FLH1A; SLIM1; XMPMA; RBMX1A; RBMX1B; 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.