

Rabbit FHL1 Polyclonal Antibody | anti-FHL1 antibody

FHL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329051	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Sheep(100%), Rabbit(100%), Dog(88%)	ELISA

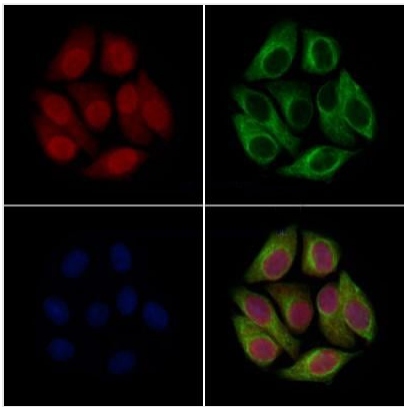
PRODUCT SYNONYMS

FHL1; Polyclonal Antibody; FHL1 Antibody; bA535K18.1; FHL 1; FHL 1B; FHL-1; FHL1 protein; FHL1_HUMAN; FHL1A; FHL1B; FLH1A; Four and a half LIM domains 1; Four and a half LIM domains protein 1; Four and a half Lin11 Isl 1 and Mec 3 domains 1; four-and-a-half Lin11; Isl-1 and Mec-3; KYO T; KYOT; mouse; homolog of; LIM protein SLIMMER; MGC111107; RAM14-1; RBMX1A; RBMX1B; RBP associated molecule 14-1; RP11-535K18.1; Skeletal muscle LIM protein 1; Skeletal muscle LIM-protein 1; SLIM 1; SLIM; SLIM-1; SLIM1; SLIMMER; XMPMA; anti-FHL1 antibody

PRODUCT SPECIFICATIONS

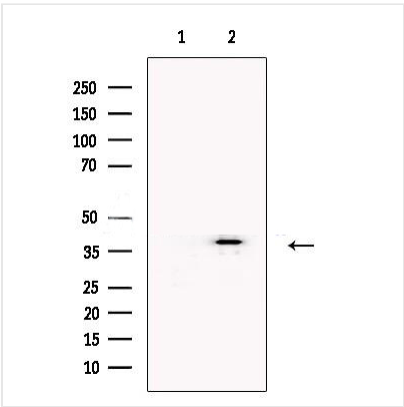
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Sheep(100%), Rabbit(100%), Dog(88%)
Clonality	Polyclonal
Isotype	IgG
Specificity	FHL1 Antibody detects endogenous levels of total FHL1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	296
Applicable Applications for anti-FHL1 antibody	ELISA
Immunogen	A synthesized peptide derived from human FHL1, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



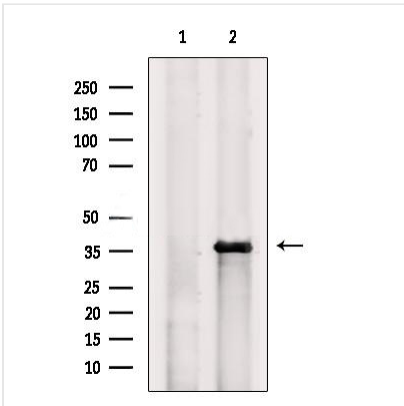
IF (Immunofluorescence)

AAA329051 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329051 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Fetal muscle, using FHL1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from MCF7, using FHL1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FHL1 antibody	Function: May have an involvement in muscle development or hypertrophy.
	Subcellular Location: Cytoplasm. Cytoplasm. Nucleus. Nucleus. Cytoplasm>Cytosol. Note: Predominantly nuclear in myoblasts but is cytosolic in differentiated myotubes.
	Tissue Specificity: Isoform 1 is highly expressed in skeletal muscle and to a lesser extent in heart, placenta, ovary, prostate, testis, small intestine, colon and spleen. Expression is barely detectable in brain, lung, liver, kidney, pancreas, thymus and peripheral blood leukocytes. Isoform 2 is expressed in brain, skeletal muscle and to a lesser extent in heart, colon, prostate and small intestine. Isoform 3 is expressed in testis, heart and skeletal muscle.

NCBI AND UNIPROT INFORMATION

NCBI GI #	228480205
NCBI GeneID	2273
NCBI Accession #	NP_001153171.1
NCBI GenBank Nucleotide #	NP_001153171.1

UniProt Accession #	Q13642
Molecular Weight	Observed Molecular Weight: (Observed)36kD. Predicted Molecular Weight: (Calculated)36kDa.
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/fhl1-antibody-elisa/329051>