

Goat FHL1 Polyclonal Antibody | anti-FHL1 antibody

GOAT ANTI HUMAN FHL1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50081	Goat	Bovine (Expected from Sequence), Dog (Expected from Sequence), Mouse, Pig (Expected from Sequence), Rat (Expected from Sequence)	Western Blot, Immunohistochemistry, ELISA

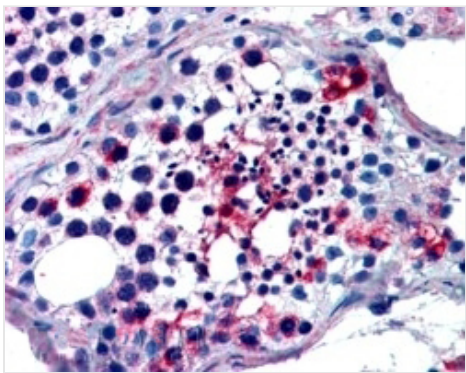
PRODUCT SYNONYMS

FHL1; Polyclonal Antibody; GOAT ANTI HUMAN FHL1; anti-FHL1 antibody

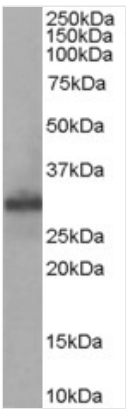
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bovine (Expected from Sequence), Dog (Expected from Sequence), Mouse, Pig (Expected from Sequence), Rat (Expected from Sequence)
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5mg/ml. (varies by lot)
Sequence Length	296
Applicable Applications for anti-FHL1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Histology Positive Control Tissue	Human testis. Buffer Solution
Antiserum Preparation	Antiserum to human FHL1 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Paraffin embedded human testis stained with Goat anti human FHL1 (AAA50081)



Application Data
Human muscle lysate probed with Goat anti human FHL1 (AAA50081)

ADDITIONAL INFORMATION

Related Product Information for anti-FHL1 antibody	Goat anti Human FHL1 antibody recognizes human Four and a half LIM domains protein 1, also known as FHL1, Skeletal muscle LIM-protein 1 or SLIM-1. FHL1 is a 323 amino acid ~30 kDa cytoplasmic protein containing multiple LIM domains. FHL1 is abundantly expressed by skeletal muscle and has been linked with several muscular dystrophy-like muscle disorders, including Scapulooperoneal syndrome (Quinzii et al. 2008), X-linked severe early-onset reducing body myopathy (Schlessl et al. 2011), and X-linked myopathy with postural muscle atrophy (Windpassinger et al. 2008). Goat anti Human FHL1 antibody is expected to recognise FHL1 isoform 5 and isoform 2, the latter being implicated as a negative regulator of RBP J- mediated transcription (Liang et al. 2008).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	228480205
NCBI GeneID	2273
NCBI Accession #	NP_001153171.1
NCBI GenBank Nucleotide #	NM_001159699.1
UniProt Accession #	Q13642; O95212; Q13230; Q13645; Q5JXI7; Q5M7Y6; Q6IB30; Q9NZ40; Q9UKZ8; Q9Y630; B7Z5T4; B7Z793
Molecular Weight	33,579 Da
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; LIM protein SLIMMER; four-and-a-half Lin11, Isl-1 and Mec-3 domains 1; skeletal muscle LIM-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.

