



## Anti-FHL1 (aa 23-120) polyclonal antibody (DPAB-DC995)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.[provided by RefSeq, Nov 2009]
<b>Immunogen</b>	FHL1 (NP_001440, 23 a.a. ~ 120 a.a) partial recombinant protein with GST tag. The sequence is  DGHHCCCLKCFDKFCANTCVERKPIGADSKEVHYKNRFWHDTCFRCAKCLHPLANETVA KDNKILCNKCTTREDSPKCKGCFKAIVAGDQNVEYKGT
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">FHL1 four and a half LIM domains 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FHL1
<b>Synonyms</b>	FHL1; four and a half LIM domains 1; KYOT; SLIM; FHL-1; FHL1A; FHL1B; FLH1A; SLIM1; XMPMA; SLIM-1; SLIMMER; four and a half LIM domains protein 1; LIM protein SLIMMER; skeletal muscle LIM-protein 1; four-and-a-half Lin11, Isl-1 and Mec-3 domains 1;
<b>Entrez Gene ID</b>	<a href="#">2273</a>
<b>Protein Refseq</b>	<a href="#">NP_001153171</a>
<b>UniProt ID</b>	<a href="#">Q13642</a>
<b>Chromosome Location</b>	Xq26
<b>Pathway</b>	Delta-Notch Signaling Pathway;
<b>Function</b>	ion channel binding; molecular_function; protein binding; zinc ion binding

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