

Datasheet for ABIN6140628
anti-FHL1 antibody (AA 27-296)



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1 Image

Overview

Quantity:	100 µL
Target:	FHL1
Binding Specificity:	AA 27-296
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FHL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 27-296 of human FHL1 (NP_001153171.1).
Sequence:	RDPLQGKKYV QKDGHHCLK CFDKFCANTC VECRKPIGAD SKEVHYKNRF WHDTCFRC AK CLHPLANETF VAKDNKILCN KCTTREDSPK CKGCFKAIVA GDQNVEYKGT VWHKDCFTCS NCKQVIGTGS FFPKGEDFYC VTCHETKFAK HCVKCNKAIT SGGITYQDQP WHADCFVCVT CSKKLAGQRF TAVEDQYYCV DCYKNFVAKK CAGCKNPITG FGKGSSVVAY EGQSWHDYCF HCKKCSVNLA NKRFVFHQEQ VYCPDCAKKL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

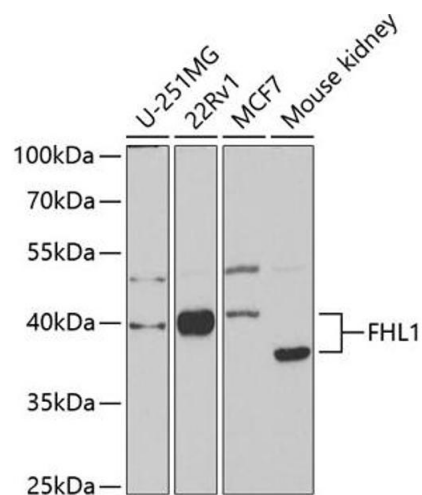
Target:	FHL1
Alternative Name:	FHL1 (FHL1 Products)
Background:	This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. 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.,FHL1,FHL-1,FHL1A,FHL1B,FLH1A,KYOT,RBMX1A,RBMX1B,SLIM,SLIM-1,SLIM1,SLIMMER,XMPMA,Epigenetics & Nuclear Signaling,Cardiovascular,Heart,Hypertrophy,FHL1
Molecular Weight:	22 kDa/31 kDa/33 kDa/34 kDa/36 kDa
Gene ID:	2273
UniProt:	Q13642

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using FHL1 antibody (ABIN6127897, ABIN6140628, ABIN6140629 and ABIN6221119) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.