.-online.com antibodies

Datasheet for ABIN185289 anti-FHL1 antibody (Internal Region)

3	Images
---	--------

2 Publications



Overview

Quantity:	100 µg
Target:	FHL1
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FHL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	FhI1/ Slim1 (mouse)
Immunogen:	Peptide with sequence CNKRFVFHNEQVY, from the internal region of the protein sequence
	according to NP_001440.1, NP_001153171.1.
Sequence:	CNKRFVFHNE QVY
lsotype:	lgG
Specificity:	This antibody is expected to recognize Mouse NP_001070830.1 iso 2 , NP_001274729.1 iso 3
	and Rat NP_001029098.1 iso 1, NP_001258128.1 iso 3.
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity
	chromatography using the immunizing peptide.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN185289 | 02/29/2024 | Copyright antibodies-online. All rights reserved.

Product Details

Grade:

Verified

Target Details

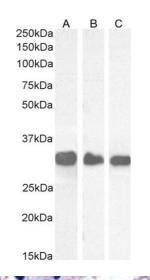
Target:	FHL1
Alternative Name:	FHL1 (FHL1 Products)
Background:	FHL1, SLIM1, KYO-T, RP11-535K18.1, FHL1A, four and a half LIM domains 1, Four-and-a-half LIM domains 1, skeletal muscle LIM-protein1, FHL1B, KYOT, MGC111107, XMPMA, SLIMMER, LIM protein SLIMMER, four-and-a-half Lin11, IsI-1 and Mec-3 domains 1, skeletal m
Gene ID:	14199, 25177
NCBI Accession:	NP_001440, NP_001153171
Application Details	
Application Notes:	Western Blot: Approx 32 kDa band observed in Mouse and Rat Skeletal Muscle and in Rat Lung lysates (calculated MW of 31.9 kDa according to Mouse NP_001274729.1 and Rat NP_001258128.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation 1 hour at Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN185289 | 02/29/2024 | Copyright antibodies-online. All rights reserved. Product cited in:

Tang, Lai, Hammond, Roth, Yang, Guo, Gao: "Adenylyl cyclase 6 deletion reduces left ventricular hypertrophy, dilation, dysfunction, and fibrosis in pressure-overloaded female mice." in: **Journal** of the American College of Cardiology, Vol. 55, Issue 14, pp. 1476-86, (2010) (PubMed).

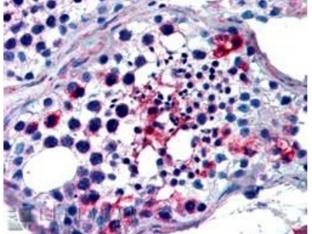
Gramolini, Kislinger, Alikhani-Koopaei, Fong, Thompson, Isserlin, Sharma, Oudit, Trivieri, Fagan, Kannan, Higgins, Huedig, Hess, Arab, Seidman, Seidman, Frey, Perry, Backx, Liu, MacLennan, Emili: "Comparative proteomics profiling of a phospholamban mutant mouse model of dilated cardiomyopathy reveals progressive intracellular stress responses." in: **Molecular & cellular proteomics : MCP**, Vol. 7, Issue 3, pp. 519-33, (2008) (PubMed).

Images



Western Blotting

Image 1. (ABIN185289) (0.1 µg/mL) staining of Mouse Skeletal Muscle (A), Rat Lung (B) and Rat Skeletal Muscle (C) lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 2. ABIN185289 (2.5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN185289 | 02/29/2024 | Copyright antibodies-online. All rights reserved.

	250kDa 150kDa 100kDa
	75kDa
5	50kDa
	37kDa
1	25kDa
	20kDa
	15kDa
	10kDa

Western Blotting

Image 3. ABIN185289 staining (0.05µg/ml) of Human Muscle lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 4/4 | Product datasheet for ABIN185289 | 02/29/2024 | Copyright antibodies-online. All rights reserved.