

Datasheet for ABIN6145585
anti-PHYHD1 antibody (AA 1-291)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PHYHD1
Binding Specificity:	AA 1-291
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHYHD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-291 of human PHYHD1 (NP_001094346.1).
Sequence:	MACLSPSQLQ KFQQDGFVLV EGFLSAEECV AMQQRIGEIV AEMDVPLHCR TEFSTQEEEQ LRAQGSTDYF LSSGDKIRFF FEKGVFDEKG NFLVPPEKSI NKIGHALHAH DPVFKSITHS FKVQTLARSL GLQMPVVVQS MYIFKQPHFG GEVSPHQDAS FLYTEPLGRV LGVWIAVEDA TLENGCLWFI PGSHTSGVSR RMVRAPVGS A PGTSFLGSEP ARDNSLFVPT PVQRGALVLI HGEVVHKSQK NLSDRSRQAY TFHLMASGT TWSPENWLQP T AELPPFQLY T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

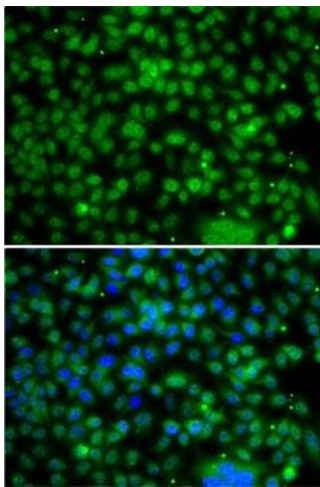
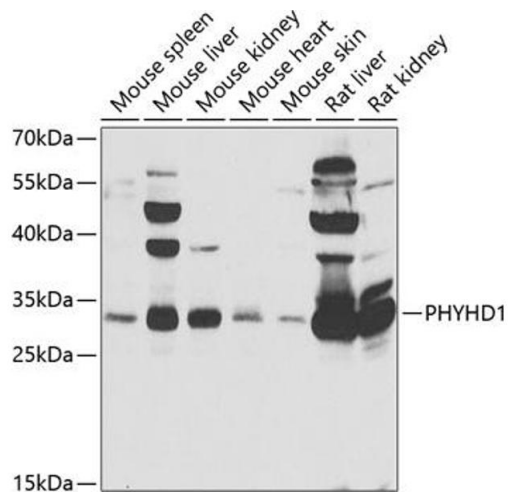
Target:	PHYHD1
Alternative Name:	PHYHD1 (PHYHD1 Products)
Background:	Isoform 1 has alpha-ketoglutarate-dependent dioxygenase activity. Does not show detectable activity towards fatty acid CoA thioesters. Is not expected to be active with phytanoyl CoA. Isoform 2 and isoform 3 probably lack enzyme activity.,PHYHD1,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,PHYHD1
Molecular Weight:	30 kDa/32 kDa
Gene ID:	254295
UniProt:	Q5SRE7

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
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 PHYHD1 antibody (ABIN6133210, ABIN6145585, ABIN6145586 and ABIN6223037) 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 Enhanced Kit (RM00021). Exposure time: 90s.

Immunofluorescence

Image 2. Immunofluorescence analysis of A-549 cells using PHYHD1 antibody (ABIN6133210, ABIN6145585, ABIN6145586 and ABIN6223037). Blue: DAPI for nuclear staining.