

Datasheet for ABIN7599159
anti-PHYHD1 antibody (AA 1-250)



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Overview

Quantity:	100 µg
Target:	PHYHD1
Binding Specificity:	AA 1-250
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHYHD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-PHYHD1 Antibody Picoband®
Immunogen:	E.coli-derived human PHYHD1 recombinant protein (Position: M1-Q250). Human PHYHD1 shares 87.2% and 88% amino acid (aa) sequence identity with mouse and rat PHYHD1, respectively.
Characteristics:	Anti-PHYHD1 Antibody Picoband® (ABIN7599159). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	PHYHD1
Alternative Name:	PHYHD1 (PHYHD1 Products)
Background:	PHYHD1 probably acts as alpha-ketoglutarate-dependent dioxygenase (By similarity).
Molecular Weight:	32 kDa
Gene ID:	254295

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Furusawa, Y., Kubo, T., Fukazawa, T. Phyhd1, an XPhyH-like homologue, is induced in mouse T cells upon T cell stimulation. Biochem. Biophys. Res. Commun. 472: 551-556, 2016. 2. Gross, M. B. Personal Communication. Baltimore, Md. 9/16/2022. 3. Zhang, Z., Kochan, G. T., Ng, S. S., Kavanagh, K. L., Oppermann, U., Schofield, C. J., McDonough, M. A. Crystal structure of PHYHD1A, a 2OG oxygenase related to phytanoyl-CoA hydroxylase. Biochem. Biophys. Res. Commun. 408: 553-558, 2011.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.