

Datasheet for ABIN2786837
anti-PHYH antibody (Middle Region)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PHYH
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHYH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PHYH
Sequence:	EKGDTVFFHP LLIHGSGQNK TQGFRKAISC HFASADCHYI DVKGTSQENI
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against PHYH. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PHYH
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Target Details

Alternative Name:	PHYH (PHYH Products)
Background:	<p>This gene is a member of the PhyH family and encodes a peroxisomal protein that is involved in the alpha-oxidation of 3-methyl branched fatty acids. Specifically, this protein converts phytanoyl-CoA to 2-hydroxyphytanoyl-CoA. Mutations in this gene have b</p> <p>Alias Symbols: LN1, LNAP1, PAHX, PHYH1, RD</p> <p>Protein Interaction Partner: FAM9B, UBC, APP, ELAVL1, PHYHIP, FKBP4, ACSL6, TOM1L1, PHYH, PEX7, F8, MAGEA11, WRAP73, COPS3,</p> <p>Protein Size: 338</p>
Molecular Weight:	39 kDa
Gene ID:	5264
NCBI Accession:	NM_006214 , NP_006205
UniProt:	O14832
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 338 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

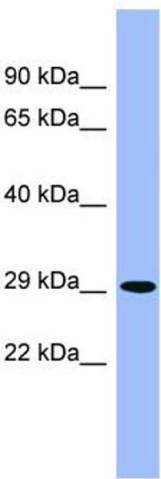
Handling

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-PHYH Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human brain