

Datasheet for ABIN2774157
anti-PHYH antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PHYH
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Rabbit, Pig
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 N terminal region of human PHYH
Sequence:	TLPEILKYVE CFTGPNIMAM HTMLINKPPD SGKKTSRHPL HQDLHYFPFR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against PHYH. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PHYH
Alternative Name:	PHYH (PHYH Products)

Target Details

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 been associated with Refsum disease (RD) and deficient protein activity has been associated with Zellweger syndrome and rhizomelic chondrodysplasia punctata. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.</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_001037537 , NP_001032626
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

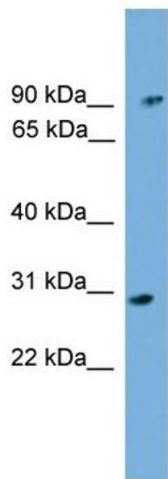
Handling

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.

Handling

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 aliquots to prevent freeze-thaw cycles.

Images



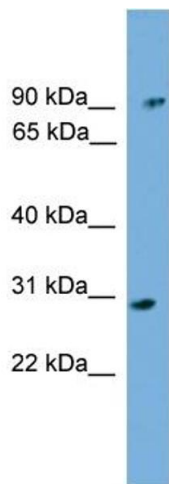
Western Blotting

Image 1. WB Suggested Anti-PHYH Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate



Rabbit Anti-PHYH Antibody
Catalog Number: ARP56681
Lot Number: QC29597
Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-PHYH

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: Jurkat cell lysate