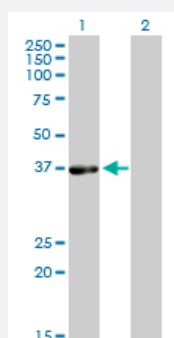


PHYH monoclonal antibody (M01), clone 1F2-5B9

Catalog # H00005264-M01

Size 100 ug

Applications

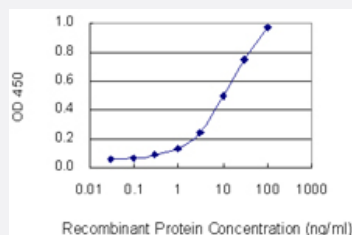


Western Blot (Transfected lysate)

Western Blot analysis of PHYH expression in transfected 293T cell line by PHYH monoclonal antibody (M01), clone 1F2-5B9.

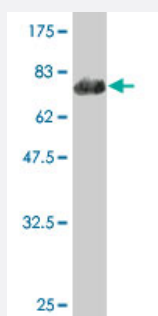
Lane 1: PHYH transfected lysate(38.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PHYH is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (62.92 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant PHYH.

Immunogen	PHYH (AAH29512, 1 a.a. ~ 338 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEQLRAAARLQV/LGHLGRPSAGAVVAHPTSGTSSASFHPQQFQYTLNNDLTLEQRKFYEENG FLVIKNLVPDADIQRFRNEFEKICRKEVKPLGLTVMRDVTISKSEYAPSEKMITKVQDFQEDKELFR YCTLPEILKYVECFGTGPNIMAMHTMLINKPPDSGKTSRHPLHQDLHYFPFRPSDLIVCAWTAMEHI SRNNGCLVVLPGTHKGSCLKPHDYPKWEGGVNKMFGHQDYEEKARVHLVMEKGDVFFHPLLI HSGSQNKTKGFRKAISCHFASADCHYIDVKGTSQENIEKEVVGIAHKFFGAENSVNLKDMMFRA RLVKGERTNL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (78)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (62.92 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PHYH expression in transfected 293T cell line by PHYH monoclonal antibody (M01), clone 1F2-5B9.

Lane 1: PHYH transfected lysate(38.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PHYH is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PHYH

Entrez GeneID [5264](#)

GeneBank Accession# [BC029512](#)

Protein Accession# [AAH29512](#)

Gene Name PHYH

Gene Alias LN1, LNAP1, PAHX, PHYH1, RD

Gene Description phytanoyl-CoA 2-hydroxylase

Omim ID [266500 602026](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations phytanic acid oxidase|phytanoyl-CoA alpha hydroxylase|phytanoyl-CoA 2 oxoglutarate dioxygenase|phytanoyl-CoA alpha-hydroxylase|phytanoyl-CoA dioxygenase, peroxisomal|phytanoyl-CoA hydroxylase (Refsum disease)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)