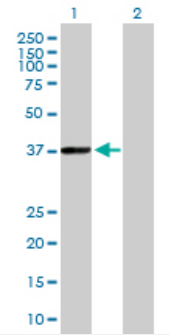
MaxPab®

PHYH purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005264-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PHYH expression in transfected 293T cell line (H00005264-T01) by PHYH MaxPab polyclonal antibody.

Lane 1: PHYH transfected lysate(37.18 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PHYH protein.
Immunogen	PHYH (NP_006205.1, 1 a.a. ~ 338 a.a) full-length human protein.
Sequence	MEQLRAAARLQIVLGHLGRPSAGAVVAHPTSGTISSASFHPQQFQYTLDNNVLTLEQRKFYEENG FLVIKNLVPDADIQRFRNEFEKICRKEVKPLGLTVMRDVTISKSEYAPSEKMITKVQDFQEDKELFR YCTLPEILKYVECFTGPNIMAMHTMLINKPPDSGKKTSRHPLHQDLHYFPFRPSDLIVCAWTAMEHI SRNNGCLVVLPGTHKGSLKPHDYPKWEGGVNKMFHGIQDYEENKARVHLVMEKGDTVFFHPLLI HGSGQNKTQGFRKAISCHFASADCHYIDVKGTSQENIEKEVVGIAHKFFGAENSVNLKDIWMFRA RLVKGERTNL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Western Blot analysis of PHYH expression in transfected 293T cell line (H00005264-T01) by PHYH MaxPab polyclonal antibody.

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  Protocol Download

Gene Info — PHYH

Entrez GeneID	5264
GeneBank Accession#	NM_006214
Protein Accession#	NP_006205.1
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 t he alpha-oxidation of 3-methyl branched fatty acids. Specifically, this protein converts phytanoyl-C oA to 2-hydroxyphytanoyl-CoA. Mutations in this gene have been associated with Refsum diseas e (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|phytanoil-CoA alpha hydroxylase|phytanoyl-CoA 2 oxoglutarate dioxygenas e|phytanoyl-CoA alpha-hydroxylase|phytanoyl-CoA dioxygenase, peroxisomal|phytanoyl-CoA hydr oxylase (Refsum disease)

Disease

- Alzheimer Disease

- Genetic Predisposition to Disease