

DNAxPAb

Hard-to-Find
Antibody

PHYH DNAxPab

Catalog # H00005264-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human PHYH DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PHYH

Entrez GeneID	5264
GeneBank Accession#	NM_006214.3
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 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](#)