

Rabbit anti-Human PHYH Polyclonal Antibody | anti-PHYH antibody

PHYH antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304187	Rabbit	Human	Immunofluorescence, Western Blot

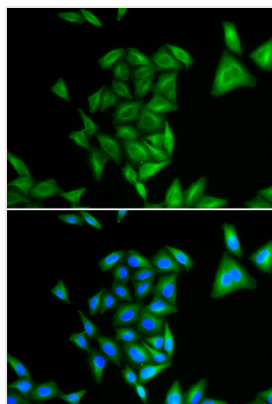
PRODUCT SYNONYMS

PHYH; Polyclonal Antibody; PHYH antibody; RD; LN1; PAHX; LNAP1; PHYH1; anti-PHYH antibody

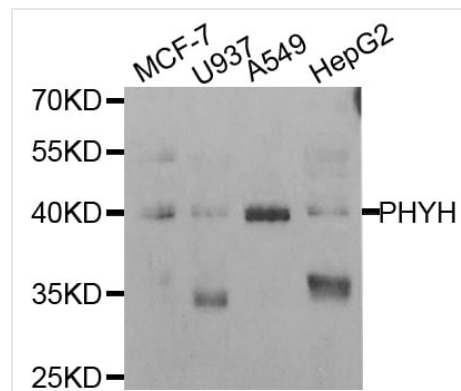
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PHYH antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	238
Applicable Applications for anti-PHYH antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PHYH.
Target Name	PHYH
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PHYH antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PHYH antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PHYH antibody	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.
Product Categories/Family for anti-PHYH antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	83281447
NCBI GeneID	5264
NCBI Accession #	NP_001032626.1
NCBI GenBank Nucleotide #	NM_001037537.1
UniProt Accession #	O14832; A8MTS8; B1ALH5
Molecular Weight	27,291 Da
NCBI Official Full Name	phytanoyl-CoA dioxygenase, peroxisomal isoform b
NCBI Official Synonym Full Names	phytanoyl-CoA 2-hydroxylase
NCBI Official Symbol	PHYH
NCBI Official Synonym Symbols	RD; LN1; PAHX; LNAP1; PHYH1
NCBI Protein Information	phytanoyl-CoA dioxygenase, peroxisomal
UniProt Protein Name	Phytanoyl-CoA dioxygenase, peroxisomal
UniProt Gene Name	PHYH
UniProt Synonym Gene Names	PAHX; PhyH
UniProt Entry Name	PAHX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phyh-antibody-immunofluorescence-western-blot-elisa/304187>