

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

PHYH Antibody (N-term)

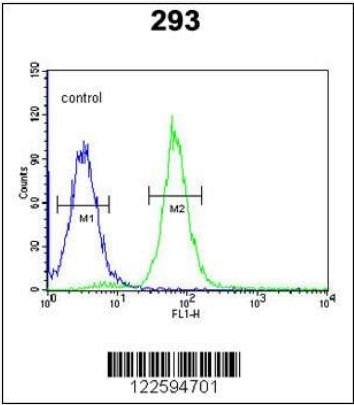
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287079	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

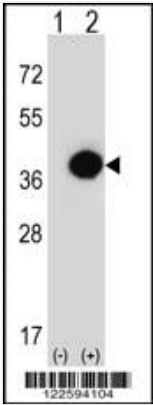
PHYH; Polyclonal Antibody; PHYH Antibody (N-term); Phytanoyl-CoA dioxygenase; peroxisomal; Phytanic acid oxidase; Phytanoyl-CoA alpha-hydroxylase; PhyH; PAHX; anti-PHYH antibody

PRODUCT SPECIFICATIONS

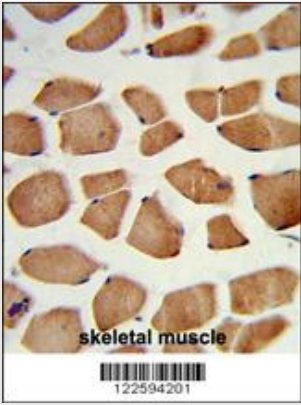
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PHYH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-87 amino acids from the N-terminal region of human PHYH.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	59-87
Sequence Length	238
Applicable Applications for anti-PHYH antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



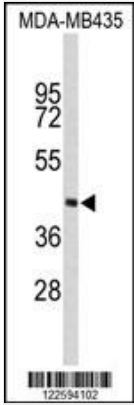
FCM/FACS (Flow Cytometry)
PHYH Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of PHYH (arrow) using rabbit polyclonal PHYH Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PHYH gene.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle reacted with PHYH Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PHYH Antibody (N-term) in MDA-MB435 cell line lysates (35ug/lane). PHYH (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PHYH antibody	PHYH2 catalyzes a carbon-carbon cleavage reaction; cleaves a 2-hydroxy-3-methylacyl-CoA into formyl-CoA and a 2-methyl-branched fatty aldehyde.
Product Categories/Family for anti-PHYH antibody	Cancer; Metabolism; Neuroscience; Signal transduction
References	Foulon,V., et.al., J. Biol. Chem. 280 (11), 9802-9812 (2005) Kikuchi,M., et.al., J. Biol. Chem. 279 (1), 421-428 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	83281447
NCBI GeneID	5264
NCBI Accession #	NP_001032626.1; NP_006205.1
NCBI GenBank Nucleotide #	NM_001037537.1
UniProt Accession #	O14832; A8MTS8; B1ALH5
Molecular Weight	38538

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-flow-cytometry-immunohistochemistry-western-blot-elisa/287079>