

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

Rabbit anti-PHYH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220125	Rabbit	Human	Immunofluorescence, Western Blot

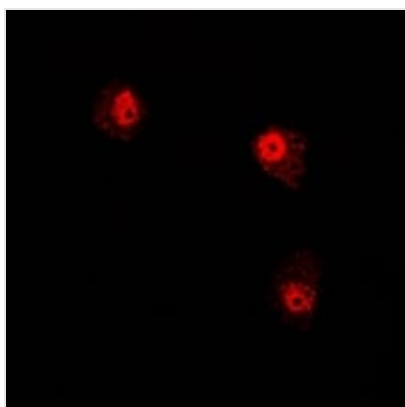
PRODUCT SYNONYMS

PHYH; Polyclonal Antibody; Rabbit anti-PHYH Antibody; PAHX; Phytanoyl-CoA dioxygenase; peroxisomal; Phytanic acid oxidase; Phytanoyl-CoA alpha-hydroxylase; PhyH; anti-PHYH antibody

PRODUCT SPECIFICATIONS

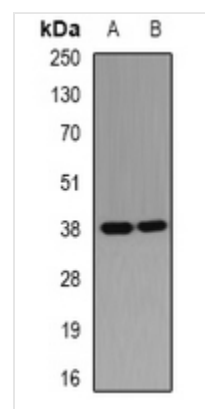
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PHYH antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human PHYH
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PHYH staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of PHYH expression in MCF7 (A), HepG2 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PHYH antibody	Primary antibodies
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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

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.