PHYH antibody

Catalog No: #38810

Orders: order@signalwayantibody.com
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Description

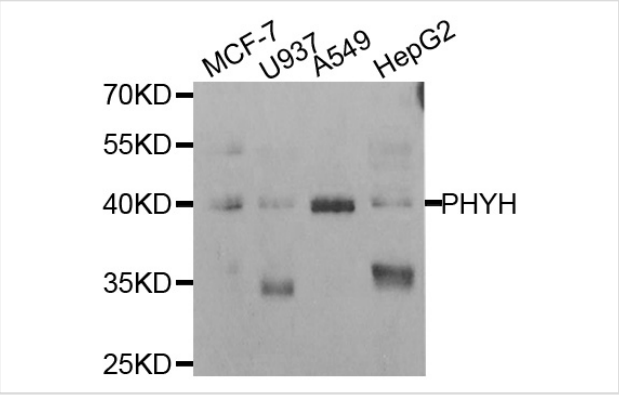
Product Name	PHYH antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total PHYH antibody.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PHYH.
Target Name	PHYH
Other Names	RD; LN1; PAHX; LNAP1; PHYH1;
Accession No.	Swiss-Prot#: O14832NCBI Gene ID: 5264
SDS-PAGE MW	38kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

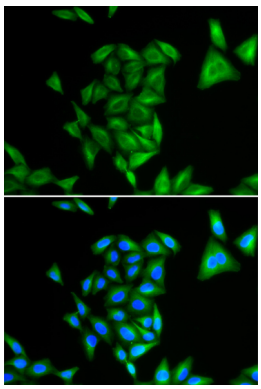
Western blotting: 1:500 - 1:2000

Immunofluorescence: 1:50 - 1:200

Images



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



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

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.