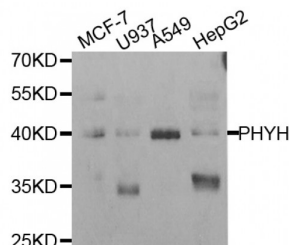


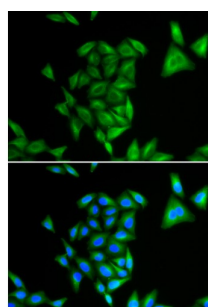
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Phytanoyl-CoA 2-Hydroxylase (PHYH) Antibody

Catalogue No.: abx004819



Western blot analysis of extracts of various cell lines, using PHYH antibody (abx004819) at 1/1000 dilution.



Immunofluorescence analysis of U2OS cells using PHYH antibody (abx004819). Blue: DAPI for nuclear staining.

PHYH Antibody is a Rabbit Polyclonal antibody against PHYH. 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.

Target: PHYH

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/10 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human PHYH.

Purification: Affinity purified.

Form: Liquid

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Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 27 kDa/38 kDa Observed MW: 40 kDa
Swiss Prot:	O14832
GeneID:	5264
Gene Symbol:	PHYH
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.