

PHYH

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 38kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PHYH

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

RD; LN1; PAHX; LNAP1; PHYH1;

Catalog #: A6304

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5264

Isotype: IgG

Swiss Prot: O14832

Purity: Affinity purification

For research use only.

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.

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