

# PHYH Rabbit Polyclonal Antibody



CAB6304

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

38kDa

### Calculated MW:

27kDa/38kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse

## Protein 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.

## Immunogen information

### Gene ID:

5264

### Uniprot

O14832

### Synonyms:

PHYH; LN1; LNAP1; PAHX; PHYH1; RD

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:10 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

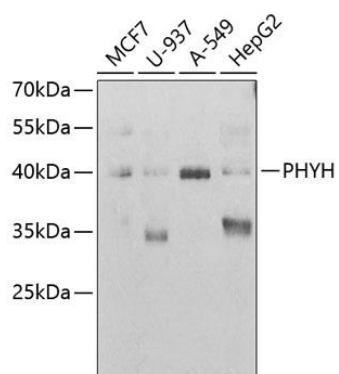
Recombinant fusion protein containing a sequence corresponding to amino acids 1-338 of human PHYH (NP\_006205.1).

### Storage:

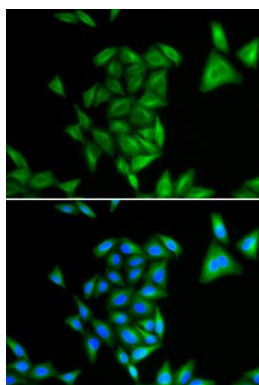
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using PHYH antibody (CAB6304) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using PHYH antibody (CAB6304). Blue: DAPI for nuclear staining.