

DATASHEET

PHYH Rabbit Polyclonal Antibody

CAT. NO. APA12851

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | PHYH | Source / Host | Rabbit |
| Reactivity | Human, Mouse, Rat | Clonality | Polyclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

BACKGROUND

Catalyzes the 2-hydroxylation of not only racemic phytanoyl-CoA and the isomers of 3-methylhexadecanoyl-CoA, but also a variety of other mono-branched 3-methylacyl-CoA esters (with a chain length of at least seven carbon atoms) and straight-chain acyl-CoA esters (with a chain length longer than four carbon atoms) and straight-chain acyl-CoA esters (with a chain length longer than four carbon atoms). Does not hydroxylate long and very long straight chain acyl-CoAs or 2-methyl- and 4-methyl-branched acyl-CoAs.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

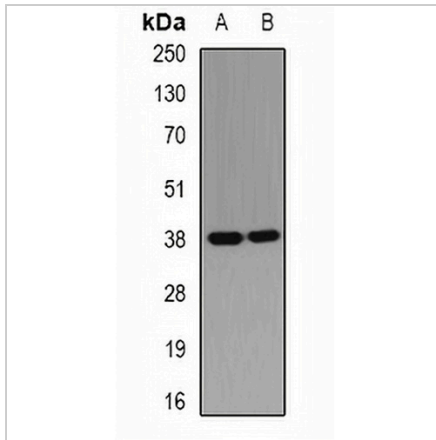
| | |
|-------------------|--|
| Description | Rabbit polyclonal antibody to PHYH |
| Specificity | Recognizes endogenous levels of PHYH protein. |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human PHYH |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 27; Observed: 38 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | PAHX; Phytanoyl-CoA dioxygenase, peroxisomal; Phytanic acid oxidase; Phytanoyl-CoA alpha-hydroxylase; PhyH |
| Gene Symbol | PHYH |
| Entrez Gene | 5264(Human); 16922(Mouse); 114209(Rat) |
| SwissProt | O14832(Human); O35386(Mouse); P57093(Rat) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**PHYH Rabbit Polyclonal Antibody**

CAT. NO. APA12851

DATA**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.