

PHYH Rabbit pAb

CatalogNo: YN6313

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 37kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human PHYH

Specificity This antibody detects endogenous levels of PHYH at Human, Mouse, Rat

Target Information

Gene name PHYH PAHX

Protein Name	Phytanoyl-CoA dioxygenase, peroxisomal (Phytanic acid oxidase) (Phytanoyl-CoA alpha-hydroxylase) (PhyH)		
	Organism	Gene ID	UniProt ID
	Human	5264;	O14832;
	Mouse	16922;	O35386;
	Rat	114209;	P57093;
Cellular Localization	Peroxisome .		
Tissue specificity	Expressed in liver, kidney, and T-cells, but not in spleen, brain, heart, lung and skeletal muscle.		
Function	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) . Does not hydroxylate long and very long straight chain acyl-CoAs or 2-methyl- and 4-methyl-branched acyl-CoAs .		

| Validation Data

| Contact information

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