

Anti-PHYH Antibody

Catalog Number: A05846-2

About PHYH

PHYH (Phytanoyl-CoA 2-hydroxylase), also known as Phytanic acid oxidase or Phytanoyl-CoA alpha-hydroxylase, is a peroxisomal enzyme which converts phytanoyl-CoA to 2-hydroxyphytanoyl-CoA. It catalyzes the first step in the alpha-oxidation of phytanic acid, a branched-chain fatty acid. Mutations in this gene can cause Refsum disease (RD) and deficient protein activity can cause Zellweger syndrome and rhizomelic chondrodysplasia punctata. This antibody (12858-1-AP) detects two bands: 36kd and 70kd. The 70kd band may probably be the dimeric form of PHYH.

Overview

Product Name	Anti-PHYH Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PHYH Antibody catalog # A05846-2. Tested in WB, IHC, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O14832

Technical Details

Immunogen	E.coli-derived human PHYH recombinant protein (Position: Q3-R335).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 ELISA, 1:100-1000

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Anti-PHYH Antibody

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