



Mouse anti-Human PHYH monoclonal antibody, clone 2G3-6C0 (CABT-B9500)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	PHYH (AAH29512, 1 a.a. ~ 338 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	2G3-6C0
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Concentration	0.2-1.0 mg/ml
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

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. [provided by RefSeq, Jul 2008]

Keywords

PHYH; phytanoyl-CoA 2-hydroxylase; RD; LN1; PAHX; LNAP1; PHYH1; phytanoyl-CoA dioxygenase, peroxisomal; phytanic acid oxidase; phytanoyl-CoA alpha hydroxylase; phytanoyl-CoA alpha-hydroxylase; phytanoyl-CoA 2 oxoglutarate dioxygenase;

GENE INFORMATION

Entrez Gene ID[5264](#)**UniProt ID**[O14832](#)