



HADHB mouse mAb

Catalog No	BYmab-18289
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HADHB MSTP029
Protein Name	Trifunctional enzyme subunit beta, mitochondrial (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)]
Immunogen	Synthesized peptide derived from human HADHB
Specificity	This antibody detects endogenous levels of HADHB at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	52kD
Cell Pathway	Mitochondrion . Mitochondrion inner membrane . Mitochondrion outer membrane . Endoplasmic reticulum . Protein stability and association with membranes require HADHA. .
Tissue Specificity	
Function	Mitochondrial trifunctional enzyme catalyzes the last three of the four reactions of the mitochondrial beta-oxidation pathway . The mitochondrial beta-oxidation pathway is the major energy-producing process in tissues and is performed through four consecutive reactions breaking down fatty acids into acetyl-CoA . Among the enzymes involved in this pathway, the trifunctional enzyme exhibits specificity for long-chain fatty acids . Mitochondrial trifunctional enzyme is a heterotetrameric complex composed of two proteins, the trifunctional enzyme subunit alpha/HADHA carries the 2,3-enoyl-CoA hydratase and the 3-hydroxyacyl-CoA dehydrogenase activities, while the trifunctional enzyme

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subunit beta/HADHB described here bears the 3-ketoacyl-CoA thiolase activity .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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