

For Research Use Only

HADHA Recombinant monoclonal antibody, PBS Only

Catalog Number:87032-3-PBS



Basic Information

Catalog Number:

87032-3-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1211

GenBank Accession Number:

BC009235

GeneID (NCBI):

3030

UNIPROT ID:

P40939

Full Name:

hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit

Calculated MW:

83 kDa

Observed MW:

70-79 kDa

Purification Method:

Protein A purification

CloneNo.:

252119B5

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

HADHA(Trifunctional enzyme subunit alpha, mitochondrial) is also named as HADH,78 kDa gastrin-binding protein.It belongs to the enoyl-CoA hydratase/isomerase family in the N-terminal section and the 3-hydroxyacyl-CoA dehydrogenase family in the central section.It harbors the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Defects in HADHA are a cause of trifunctional protein deficiency (TFP deficiency) and long-chain 3-hydroxyl-CoA dehydrogenase deficiency (LCHAD deficiency) and maternal acute fatty liver of pregnancy (AFLP).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

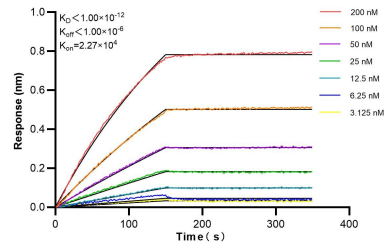
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E: proteintech@ptglab.com
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Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 87032-3-RR (HADHA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87032-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87032-3-RR against Human HADHA were performed. The affinity constant is below 1 pM.