

RK05653

Leader in Biomolecular Solutions for Life Science



# [One Step] HADHA Antibody Kit

Catalog No.: RK05653

## Basic Information

### Applications

### Cross-Reactivity

Human, Mouse, Rat

### Observed MW

78kDa

### Calculated MW

83kDa

### Category

Antibody kit

## Background

This gene encodes the alpha subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation.

## Product Information

### Source

Rabbit

### Purification

### Storage

Avoid repeated freeze-thaw cycles.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05653-1	[KO Validated] HADHA Rabbit pAb	83kDa
RK05653-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	78kDa

## Immunogen Information

### Gene ID

3030

### Swiss Prot

P40939

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 484-763 of human HADHA (NP\_000173.2).

### Synonyms

GBP; ECHA; HADH; LCEH; MTPA; LCHAD; TP-ALPHA; HA