

[KO Validated] HADHA Rabbit mAb

Catalog No.: A23892 **KO Validated** **Recombinant**

Basic Information

Observed MW

75kDa

Calculated MW

83kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC61206

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.

Recommended Dilutions

WB	1:1000-1:5000
IF	1:50 - 1:200

Immunogen Information

Gene ID

3030

Swiss Prot

P40939

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 545-763 of human HADHA (NP_000173.2).

Synonyms

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

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

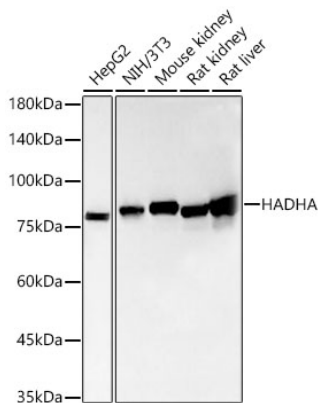
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using [KO Validated] HADHA Rabbit mAb (A23892) at 1:1000 dilution.

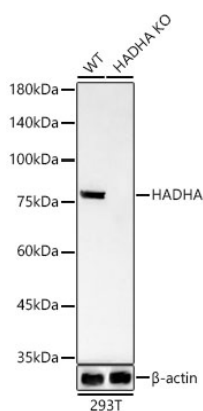
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.



Western blot analysis of extracts from wild type(WT) and HADHA knockout (KO) 293T cells, using HADHA Rabbit mAb (A23892) at 1:1000 dilution.

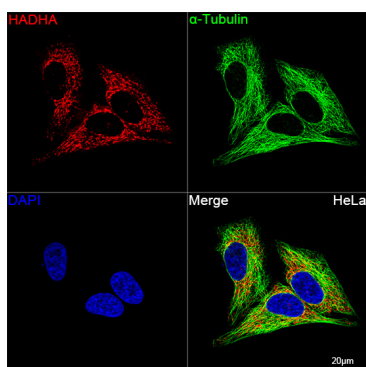
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

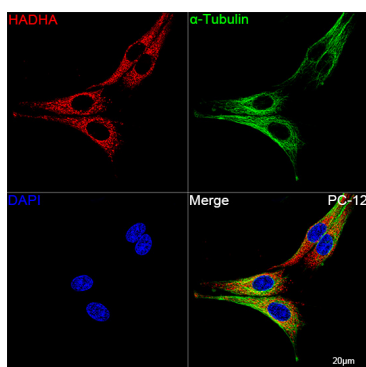
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.



Confocal imaging of HeLa cells using HADHA Rabbit mAb (A23892,dilution 1:200)(Red). The cells were counterstained with alpha-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Confocal imaging of PC-12 cells using HADHA Rabbit mAb (A23892,dilution 1:200)(Red). The cells were counterstained with alpha-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.