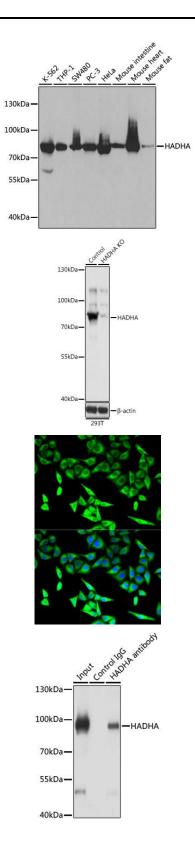
[KO Validated] HADHA Rabbit Polyclonal Antibody

CAB5346



Product Information	Protein Background
Size:	This gene encodes the alpha subunit of the mitochondrial trifunctional protein, which catalyzes
20uL, 50uL, 100uL, 200uL	the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondria membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the
Observed MW:	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
82kDa	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.
Calculated MW:	
28kDa/83kDa	Immunogen information
Applications:	Gene ID:
	3030
WB IF IP	
Reactivity:	Uniprot
neuclivity.	P40939
Human, Mouse, Rat	
	Synonyms: HADHA; ECHA; GBP; HADH; LCEH; LCHAD; MTPA; TP-ALPHA
Antibody Information	
Recommended dilutions:	
WB 1:500 - 1:2000 IF 1:50 -	Immunogen:
1:200 IP 1:50 - 1:100	Recombinant fusion protein containing a sequence corresponding to amino acids 484-763 of human HADHA (NP_000173.2).
Source: Rabbit	
	Storage:
lsotype:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%
lgG	sodium azide, 50% glycerol, pH7.3.

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using HADHA antibody (CAB5346) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 3s.

Western blot analysis of extracts from normal (control) and HADHA knockout (KO) 293T cells, using HADHA antibody (CAB5346) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.

Immunofluorescence analysis of U2OS cells using HADHA antibody (CAB5346). Blue: DAPI for nuclear staining.

Immunoprecipitation analysis of 200ug extracts of HeLa cells using 3ug HADHA antibody (CAB5346). Western blot was performed from the immunoprecipitate using HADHA antibody (CAB5346) at a dilition of 1:1000.