

HADHA Polyclonal Antibody

Catalog number: 10758-1-AP

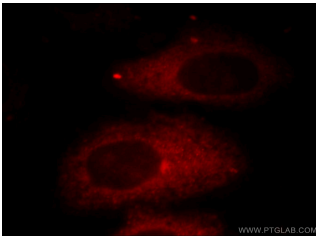
Size: 20 µg/150 µl

Source: Rabbit

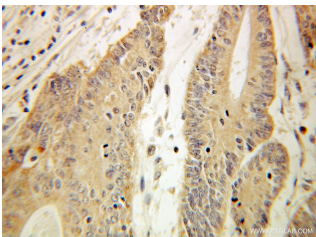
Isotype: IgG

Synonyms:

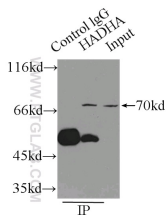
HADHA; 78 kDa gastrin binding protein, ECHA, HADH, HADHA, LCHAD, MTPA, TP ALPHA



Immunofluorescent analysis of HepG2 cells, using HADHA antibody 10758-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human colon cancer using 10758-1-AP (HADHA antibody) at dilution of 1:100 (under 40x lens)



IP Result of anti-HADHA (IP:10758-1-AP, 4µg; Detection:10758-1-AP 1:200) with HEK-293 cells lysate 2500µg.

Background

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-hydroxy-CoA dehydrogenase deficiency (LCHAD deficiency) and maternal acute fatty liver of pregnancy (AFLP).

Applications

Tested applications:	ELISA, WB, IHC, IF, IP, FC
Cited applications:	IHC, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human, rat
Calculated HADHA MW:	83 kDa
Observed HADHA MW:	70-79 kDa
Positive WB detected in	Mouse kidney tissue, HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells, MCF7 cells, MDA-MB-453s cells, mouse heart tissue, mouse liver tissue, Raji cells
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human colon cancer tissue, human lung tissue, human ovary tissue, human placenta tissue, human spleen tissue, human testis tissue
Positive IF detected in	HepG2 cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:10-1:100 FC: N/A

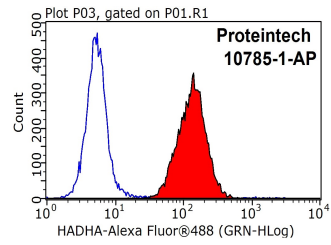
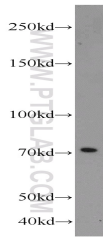
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1211
GenBank accession number:	BC009235
Gene ID (NCBI):	3030
Full name:	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 10758-1-AP(HADHA antibody) at dilution of 1:1000

1X10⁶ HepG2 cells were stained with 0.2ug HADHA antibody (10758-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.