

Product datasheet for **TA368473**

HADHSC (HADH) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat, 293T and HepG2 cell lysates IHC: 20-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human HADH
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	34 kDa
Gene Name:	hydroxyacyl-CoA dehydrogenase
Database Link:	Entrez Gene 3033 Human Q16836

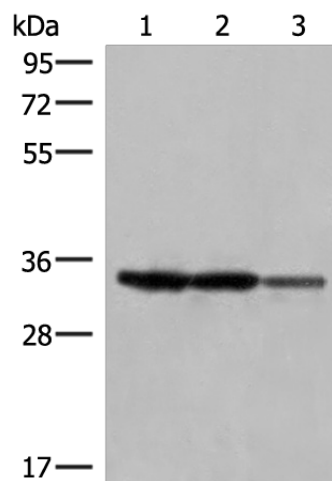
Background: This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. The human genome contains a related pseudogene of this gene on chromosome 15.



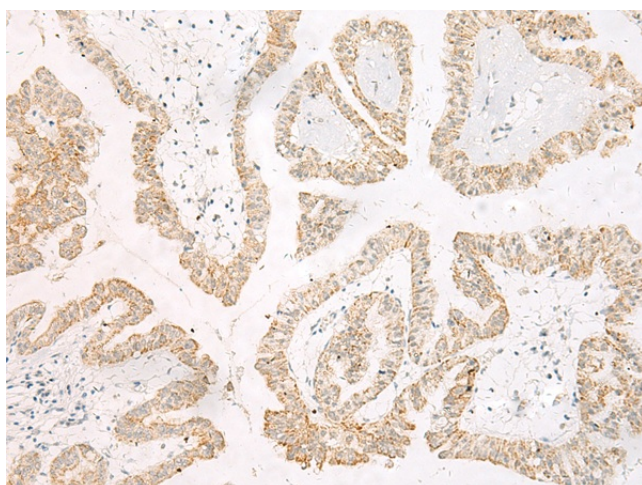
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Synonyms: HAD; HADH1; HADHSC; HCDH; HHF4; M/SCHAD; MGC8392; SCHAD

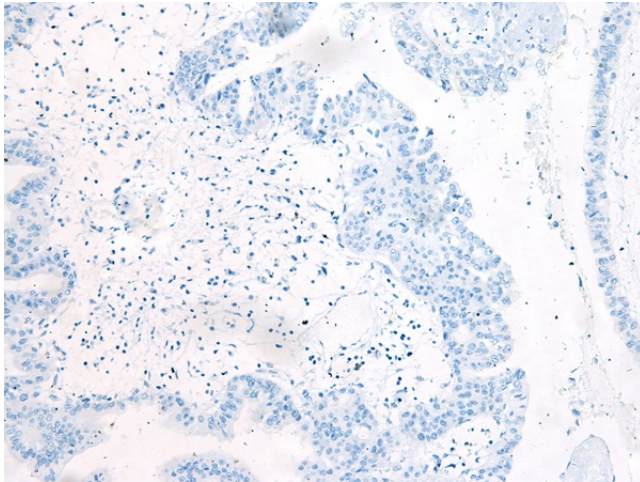
Product images:



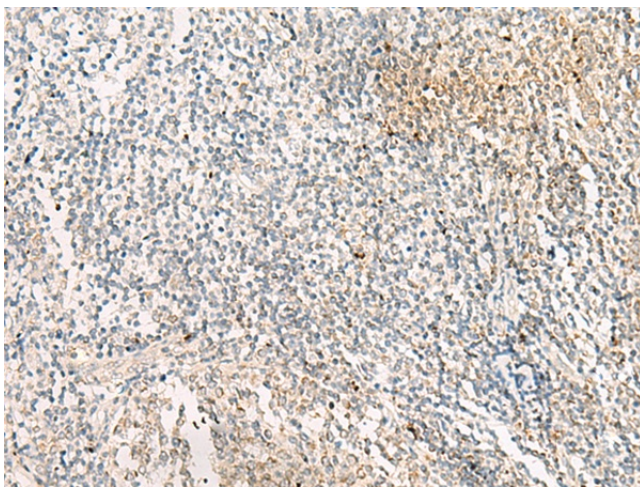
Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-3: Jurkat
 293T and HepG2 cell lysates
 Primary antibody: TA368473 (HADH Antibody) at dilution 1/250
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 5 seconds



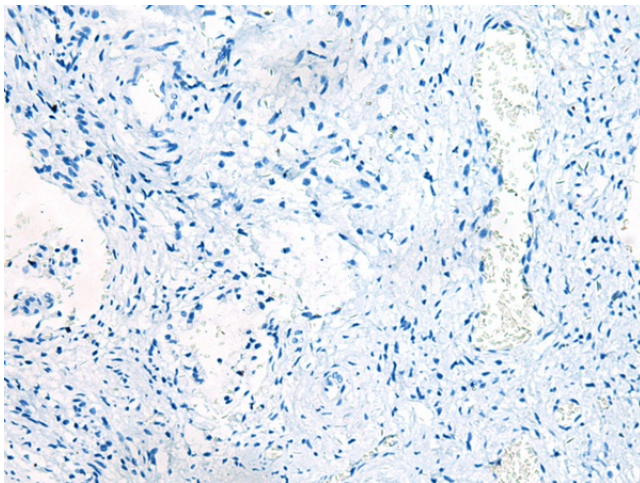
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA368473 (HADH Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA368473 (HADH Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA368473 (HADH Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA368473 (HADH Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)