

## Product datasheet for **TA372705S**

### **HADHSC (HADH) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: HepG2, 293T and Jurkat cell lysates IHC: 20-100 Positive control: Human ovarian 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 <sub>3</sub> , 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:	<a href="#">Entrez Gene 3033 Human Q16836</a>

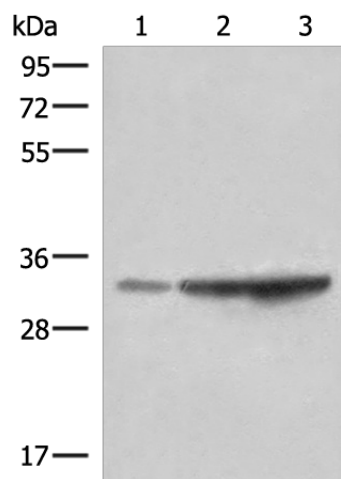
**Background:** This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length 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.



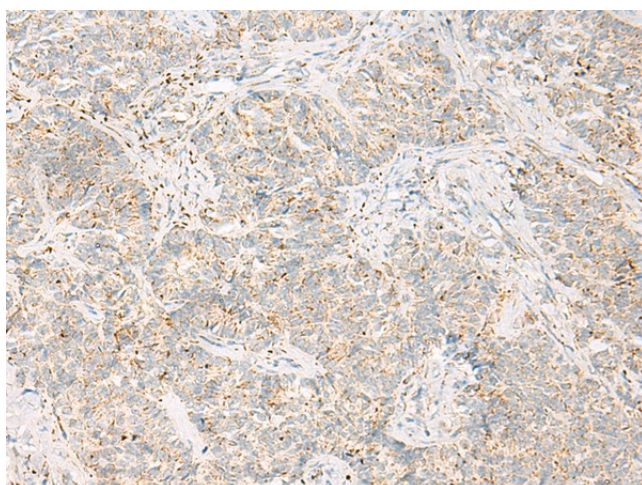
[View online »](#)

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

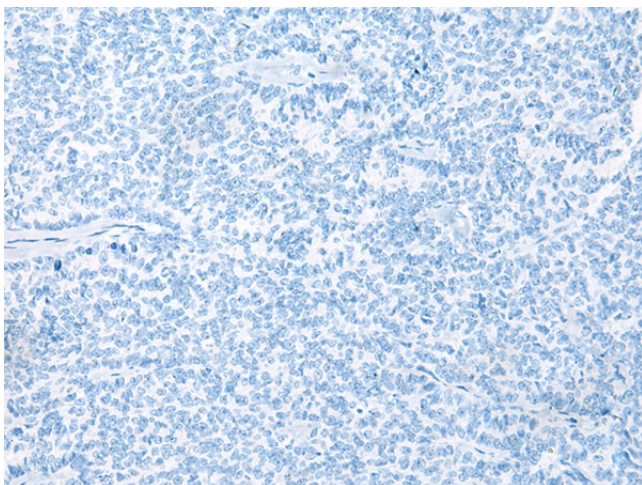
**Product images:**



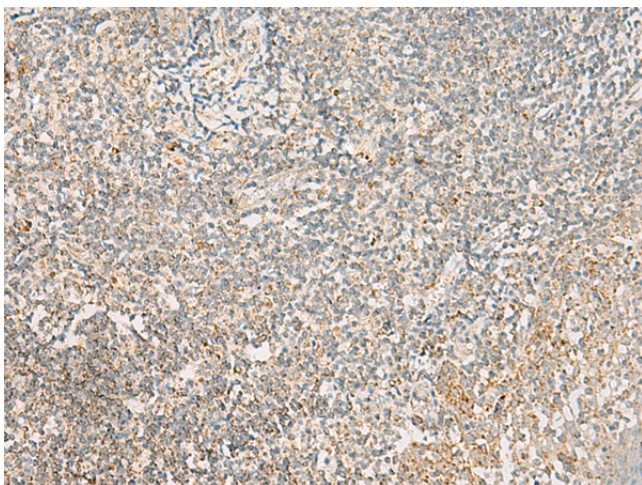
Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-3: HepG2  
 293T and Jurkat cell lysates  
 Primary antibody: [TA372705] (HADH Antibody) at dilution 1/250  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 5 seconds



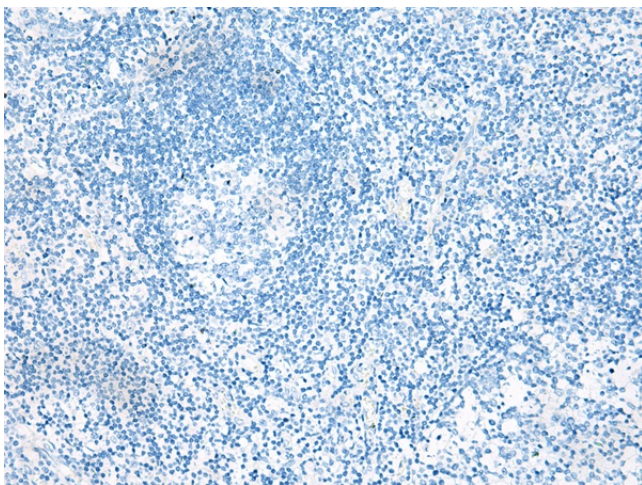
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA372705] (HADH Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA372705] (HADH Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA372705] (HADH Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA372705] (HADH Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)