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Product datasheet for TA349922

EHHADH Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse liver tissue IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human EHHADH
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	79 kDa
Gene Name:	enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase
Database Link:	NP_001957 Entrez Gene 1962 Human Q08426

View online »

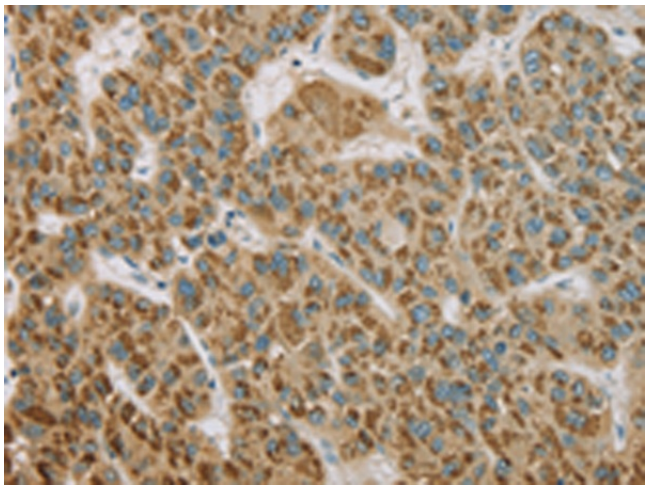
Background: The protein encoded by this gene is a bifunctional enzyme and is one of the four enzymes of the peroxisomal beta-oxidation pathway. The N-terminal region of the encoded protein contains enoyl-CoA hydratase activity while the C-terminal region contains 3-hydroxyacyl-CoA dehydrogenase activity. Defects in this gene are a cause of peroxisomal disorders such as Zellweger syndrome. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms: ECHD; FRTS3; L-PBE; LBFP; LBP; PBFE

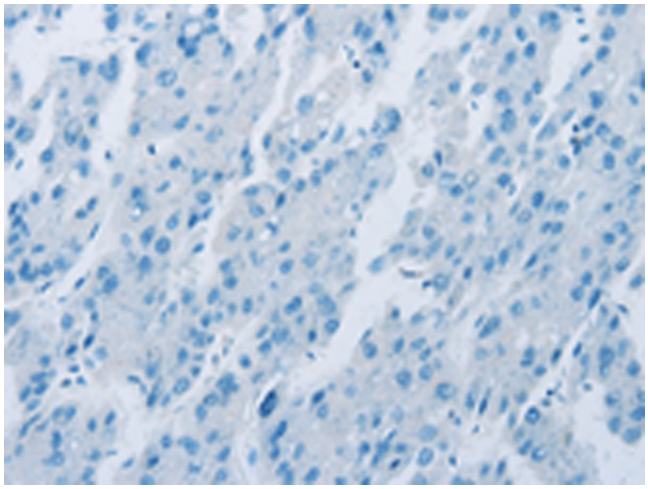
Protein Pathways: beta-Alanine metabolism, Butanoate metabolism, Fatty acid metabolism, Limonene and pinene degradation, Lysine degradation, Metabolic pathways, PPAR signaling pathway, Propanoate metabolism, Tryptophan metabolism, Valine, leucine and isoleucine degradation

Product images:

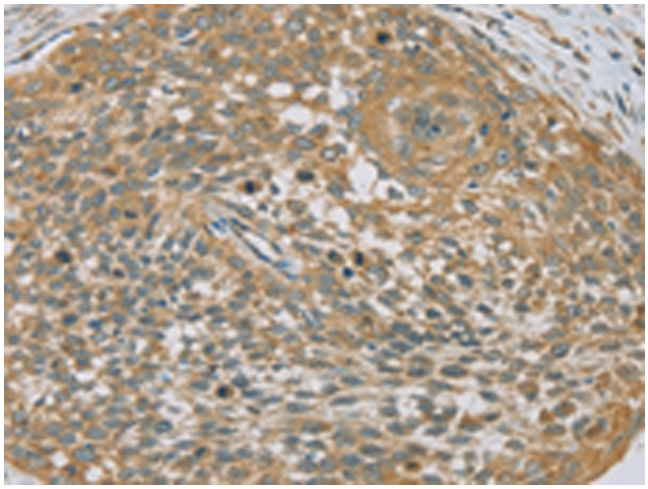
Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: Mouse liver tissue
Primary antibody: TA349922 (EHHADH Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes



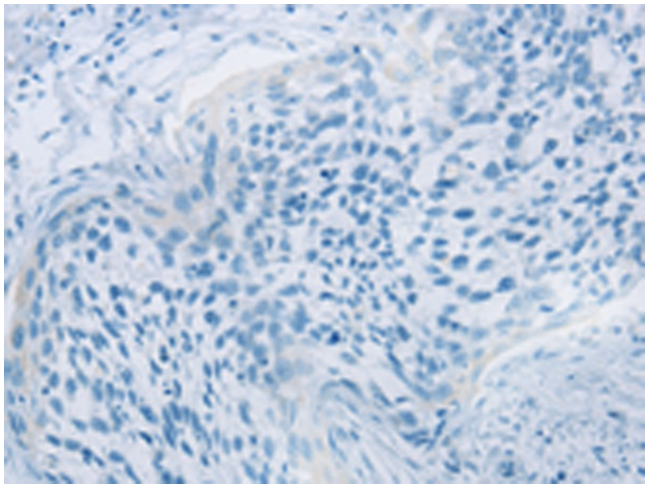
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349922 (EHHADH Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349922 (EHHADH Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA349922 (EHHADH Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA349922 (EHHADH Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)