

Rabbit EHHADH Polyclonal Antibody | anti-EHHADH antibody

EHHADH Antibody (C-term)

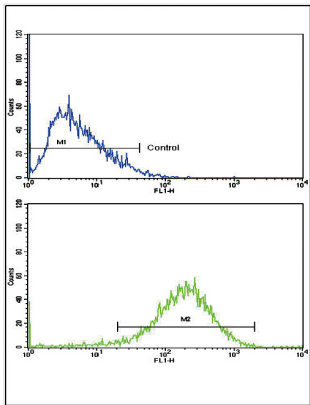
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285788	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

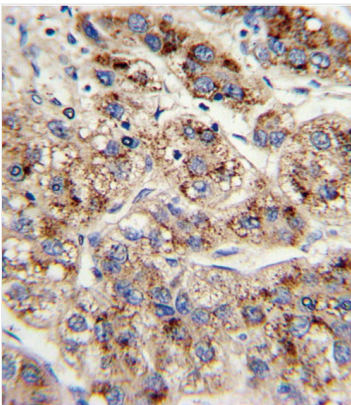
EHHADH; Polyclonal Antibody; EHHADH Antibody (C-term); Peroxisomal bifunctional enzyme; PBE; PBFE; Enoyl-CoA hydratase/3; 2-trans-enoyl-CoA isomerase; 3-hydroxyacyl-CoA dehydrogenase; ECHD; anti-EHHADH antibody

PRODUCT SPECIFICATIONS

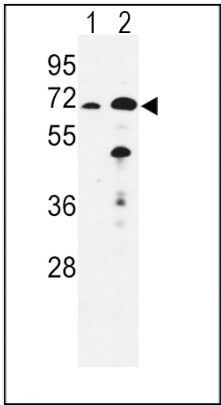
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EHHADH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 662-690 amino acids from the C-terminal region of human EHHADH.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	662-690
Sequence Length	627
Applicable Applications for anti-EHHADH antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



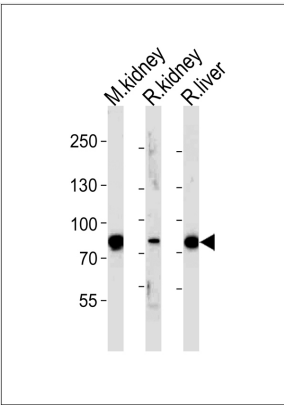
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HepG2 cells using EHHADH Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with EHHADH Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of EHHADH Antibody (C-term) in mouse liver(lane 1), kidney(lane 2) tissue lysates (35ug/lane). EHHADH (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysates from mousr kidney, rat kidney and liver tissue (from left to right), using EHHADH Antibody (C-term). AAA285788 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-EHHADH antibody	EHHADH 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.
Product Categories/Family for anti-EHHADH antibody	Crown Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	Chen,G.L., et.al., Biochem. Biophys. Res. Commun. 178 (3), 1084-1091 (1991) Lu,Y., et.al., J. Lipid Res. 49 (12), 2582-2589 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	261878539
NCBI GeneID	1962
NCBI Accession #	NP_001159887.1; NP_001957.2
NCBI GenBank Nucleotide #	NM_001166415.1
UniProt Accession #	Q08426; Q58EZ5; A8K6Y3; B4DWG3; D3DNU0

Molecular Weight	79495
NCBI Official Full Name	peroxisomal bifunctional enzyme isoform 2
NCBI Official Synonym Full Names	enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase
NCBI Official Symbol	EHHADH
NCBI Official Synonym Symbols	LBP; ECHD; LBFP; PBFE; FRTS3; L-PBE
NCBI Protein Information	peroxisomal bifunctional enzyme
UniProt Protein Name	Peroxisomal bifunctional enzyme
UniProt Gene Name	EHHADH
UniProt Synonym Gene Names	ECHD; PBE; PBFE
UniProt Entry Name	ECHP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ehhadh-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/285788>