

Rabbit anti-Human HIBCH Polyclonal Antibody | anti-HIBCH antibody

HIBCH Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286329	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

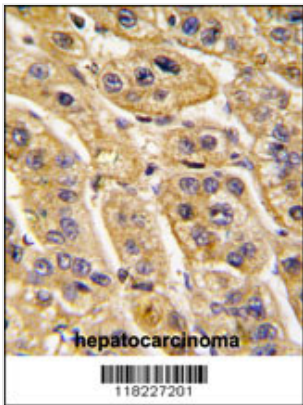
PRODUCT SYNONYMS

HIBCH; Polyclonal Antibody; HIBCH Antibody (Center); 3-hydroxyisobutyryl-CoA hydrolase; mitochondrial; 3-hydroxyisobutyryl-coenzyme A hydrolase; HIB-CoA hydrolase; HIBYL-CoA-H; anti-HIBCH antibody

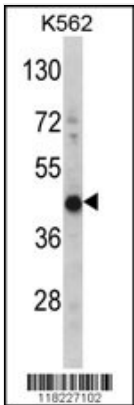
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIBCH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-209 amino acids from the Central region of human HIBCH.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	183-209
Sequence Length	386
Applicable Applications for anti-HIBCH antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with HIBCH antibody (Center), 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 HIBCH Antibody (Center) in K562 cell line lysates (35ug/lane). HIBCH (arrow) was detected using the purified Pab.(2ug/ml)

ADDITIONAL INFORMATION

Related Product Information for anti-HIBCH antibody	HIBCH is responsible for the specific hydrolysis of HIBYL-CoA, a valine catabolite, as well as the hydrolysis of beta-hydroxypropionyl-CoA, an intermediate in a minor pathway of propionate metabolism.
Product Categories/Family for anti-HIBCH antibody	Metabolism; Signal Transduction
References	Hawes J.W., Jaskiewicz J., Shimomura Y.J. Biol. Chem. 271:26430-26434(1996) Loupatty F.J., Clayton P.T.Am. J. Hum. Genet. 80:195-199(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	37594471
NCBI GeneID	26275
NCBI Accession #	NP_055177.2; NP_932164.1
NCBI GenBank Nucleotide #	NM_014362.3
UniProt Accession #	Q6NVY1; Q53GA8; Q53GF2; Q53RF7; Q53TC6; Q92931; Q9BS94; D3DPI4
Molecular Weight	43482
NCBI Official Full Name	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial isoform 1
NCBI Official Synonym Full Names	3-hydroxyisobutyryl-CoA hydrolase
NCBI Official Symbol	HIBCH
NCBI Official Synonym Symbols	HIBYLCOAH
NCBI Protein Information	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
UniProt Protein Name	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
UniProt Gene Name	HIBCH
UniProt Synonym Gene Names	HIB-CoA hydrolase; HIBYL-CoA-H
UniProt Entry Name	HIBCH_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://www.aaabiotech.com/polyclonal/hibch-antibody-immunohistochemistry-western-blot-elisa/286329>