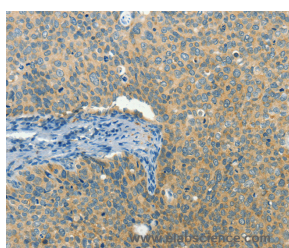


BCAT1 Polyclonal Antibody

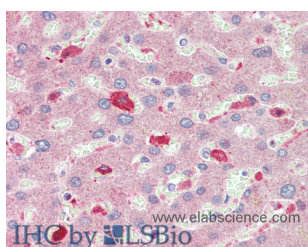
Catalog No.	E-AB-10995	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using BCAT1 Polyclonal Antibody at dilution 1:50



Immunohistochemistry of paraffin-embedded Liver tissue using BCAT1 Polyclonal Antibody at dilution of 1:100(Elabscience® Product Detected by Lifespan).

Immunogen Information

Immunogen	Recombinant protein of human BCAT1
Gene Accession	NP_005495
Swissprot	P54687
Synonyms	BCT1,PP18,BCATC,ECA39,MECA39,PNAS121

Product Information

Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Purify	Affinity purification
Dilution	IHC 1:50-1:200

Background

This gene encodes the cytosolic form of the enzyme branched-chain amino acid transaminase. This enzyme catalyzes the reversible transamination of branched-chain alpha-keto acids to branched-chain L-amino acids essential for cell growth. Two different clinical disorders have been attributed to a defect of branched-chain amino acid transamination: hypervalinemia and hyperleucine-isoleucinemia. As there is also a gene encoding a mitochondrial form of this enzyme, mutations in either gene may contribute to these disorders. Alternatively spliced transcript variants have been described.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.