

Rabbit anti-Human BCAT1 Polyclonal Antibody | anti-BCAT1 antibody

BCAT1 Antibody

CATALOG # AAA304789	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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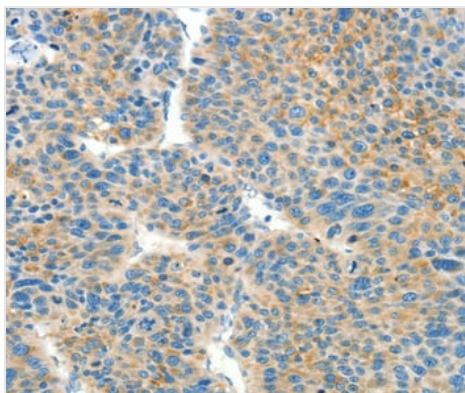
PRODUCT SYNONYMS

BCAT1; Polyclonal Antibody; BCAT1 Antibody; BCT1; PP18; BCATC; ECA39; MECA39; PNAS121; anti-BCAT1 antibody

PRODUCT SPECIFICATIONS

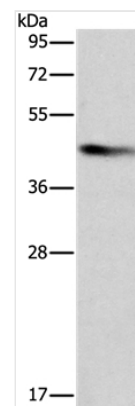
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total BCAT1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2 mg/ml (varies by lot)
Sequence Length	349
Applicable Applications for anti-BCAT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human branched chain amino-acid transaminase 1, cytosolic
Target Name	BCAT1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/50.



Application Data

Gel: 12%SDS-PAGE Lysate: 40ug Raji cell Primary antibody: 1/250 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-BCAT1 antibody	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.
Product Categories/Family for anti-BCAT1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010900
NCBI GeneID	586
NCBI Accession #	NP_001171562.1
NCBI GenBank Nucleotide #	NM_001178091.1
UniProt Accession #	P54687; Q68DQ7; Q96MY9; B3KY27; B7Z2M5; B7Z5L0; F5H5E4
Molecular Weight	44,131 Da
NCBI Official Full Name	branched-chain-amino-acid aminotransferase, cytosolic isoform 2
NCBI Official Synonym Full Names	branched chain amino-acid transaminase 1, cytosolic
NCBI Official Symbol	BCAT1
NCBI Official Synonym Symbols	BCT1; PP18; BCATC; ECA39; MECA39; PNAS121
NCBI Protein Information	branched-chain-amino-acid aminotransferase, cytosolic
UniProt Protein Name	Branched-chain-amino-acid aminotransferase, cytosolic
UniProt Gene Name	BCAT1
UniProt Synonym Gene Names	BCT1; ECA39; BCAT(c)
UniProt Entry Name	BCAT1_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/bcat1-antibody-immunohistochemistry-western-blot-elisa/304789>