

Rabbit anti-Human, Mouse BCAT2 Polyclonal Antibody | anti-BCAT2 antibody

BCAT2 Antibody

CATALOG # AAA304349	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

BCAT2; Polyclonal Antibody; BCAT2 Antibody; BCAM; BCT2; PP18; BCATM; anti-BCAT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total BCAT2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.5 mg/ml (varies by lot)
Sequence Length	300
Applicable Applications for anti-BCAT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human branched chain amino-acid transaminase 2, mitochondrial
Target Name	BCAT2
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/70.



Application Data

Gel: 12%SDS-PAGE Lysates (from left to right): Human placenta tissue and NIH/3T3 cell, Raji and hepG2 cell Amount of lysate: 40ug per lane Primary antibody: 1/312.5 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-BCAT2 antibody	This gene encodes a branched chain aminotransferase found in mitochondria. The encoded protein forms a dimer that catalyzes the first step in the production of the branched chain amino acids leucine, isoleucine, and valine. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-BCAT2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	258614015
NCBI GeneID	587
NCBI Accession #	NP_001158245.1
NCBI GenBank Nucleotide #	NM_001164773.1
UniProt Accession #	O15382; O00269; Q96KG1; Q9BTB6; Q9BUU6; B2RB87
Molecular Weight	33,777 Da
NCBI Official Full Name	branched-chain-amino-acid aminotransferase, mitochondrial isoform b
NCBI Official Synonym Full Names	branched chain amino-acid transaminase 2, mitochondrial
NCBI Official Symbol	BCAT2
NCBI Official Synonym Symbols	BCAM; BCT2; PP18; BCATM
NCBI Protein Information	branched-chain-amino-acid aminotransferase, mitochondrial
UniProt Protein Name	Branched-chain-amino-acid aminotransferase, mitochondrial
UniProt Gene Name	BCAT2
UniProt Synonym Gene Names	BCATM; BCT2; ECA40; BCAT(m); PP18
UniProt Entry Name	BCAT2_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/bcat2-antibody-immunohistochemistry-western-blot-elisa/304349>