

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

Anti-BCAT2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45082	Rabbit	Human	Immunohistochemistry, Western Blot

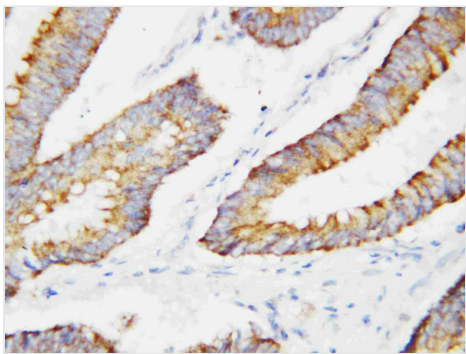
PRODUCT SYNONYMS

BCAT2; Polyclonal Antibody; Anti-BCAT2 antibody; Branched-chain-amino-acid aminotransferase; mitochondrial(BCAT(m)); branched chain amino-acid transaminase 2; mitochondrial; BCAM antibody; BCAT 2 antibody; BCAT(m) antibody; BCAT2 antibody; BCAT2_HUMAN antibody; BCATM antibody; BCT2 antibody; Branched chain aminotransferase 2; mitochondrial antibody; Branched-chain-amino-acid aminotransferase antibody; ECA40 antibody; Placental protein 18 antibody; PP18 antibody; anti-BCAT2 antibody

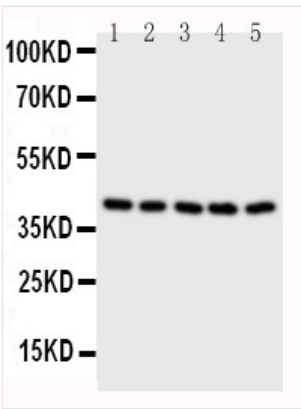
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	392
Applicable Applications for anti-BCAT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human BCAT2 (377-392aa KEIQYGIRAEWMFPV).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-BCAT2 antibody, AAA45082, IHC(P)IHC(P): Human Colon Cancer Tissue



WB (Western Blot)
Anti-BCAT2 antibody, AAA45082, Western blottingAll lanes: Anti BCAT2 (AAA45082) at 0.5ug/mlLane 1: A431 Whole Cell Lysate at 40ugLane 2: SW620 Whole Cell Lysate at 40ugLane 3: SMMC Whole Cell Lysate at 40ugLane 4: JURKAT Whole Cell Lysate at 40ugLane 5: CEM Whole Cell Lysate at 40ugPredicted bind size: 41KDObserved bind size: 41KD

ADDITIONAL INFORMATION

Related Product Information for anti-BCAT2 antibody

Description: Rabbit IgG polyclonal antibody for Branched-chain-amino-acid aminotransferase, mitochondrial(BCAT2) detection. Tested with WB, IHC-P in Human.

Background: BCAT2, branched-chain aminotransferase 2, 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. The human BCAT2 gene is mapped to 19q13.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455470
NCBI GeneID	587
UniProt Accession #	O15382; O00269; Q96KG1; Q9BTB6; Q9BUU6; B2RB87
Molecular Weight	33,777 Da
NCBI Official Full Name	Branched-chain-amino-acid aminotransferase, mitochondrial
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; placental protein 18; branched chain aminotransferase 2, 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.