

Rabbit BCAT2 Polyclonal Antibody | anti-BCAT2 antibody

BCAT2 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314041	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-BCAT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human BCAT2 (NP_001181.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using BCAT2 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using BCAT2 at dilution of 1:100. Blue: DAPI for nuclear staining.

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	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455470
NCBI GeneID	587

UniProt Accession #	O15382 ; O00269 ; Q96KG1 ; Q9BTB6 ; Q9BUU6 ; B2RB87
Molecular Weight	392
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcat2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/314041>