

Rabbit BCAT2 Polyclonal Antibody | anti-BCAT2 antibody

BCAT2 antibody - N-terminal region

CATALOG # AAA201131	HOST Rabbit	REACTIVITY Cow, Human, Sheep	APPLICATIONS Western Blot
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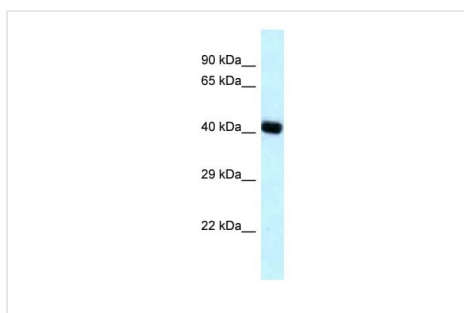
PRODUCT SYNONYMS

BCAT2; Polyclonal Antibody; BCAT2 antibody - N-terminal region; anti-BCAT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Human, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: GP RRYASSSFKA ADLQLEMTQK PHKKPGPGEP LVFGKTFTDH MLMVEWND
Sequence Length	392
Applicable Applications for anti-BCAT2 antibody	WB (Western Blot)
Homology	Cow: 83%; Human: 100%; Sheep: 83%
Protein Interactions	UBC; CREB3; PTGDS; ALDOA; APP; BCAT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-BCAT2 Antibody Titration: 1.0 ug/ml Positive Control: Placenta

ADDITIONAL INFORMATION

Related Product Information for anti-BCAT2 antibody	This is a rabbit polyclonal antibody against BCAT2. It was validated on Western Blot Target Description: 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	Polyclonal ; Neurobiology ; Drugs and Drug Metabolism ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	50658084
NCBI GeneID	587
NCBI Accession #	NP_001181
NCBI GenBank Nucleotide #	NM_001190
UniProt Accession #	O15382
Molecular Weight	43kDa
NCBI Official Full Name	branched-chain-amino-acid aminotransferase, mitochondrial isoform a
NCBI Official Synonym Full Names	branched chain amino acid transaminase 2
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-western-blot-elisa/201131>