

Rabbit Branched Chain Aminotransferase 1 Polyclonal Antibody | anti-BCAT1 antibody

Polyclonal Antibody to Branched Chain Aminotransferase 1, Cytosolic (BCAT1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145740	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

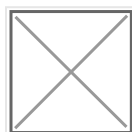
PRODUCT SYNONYMS

Branched Chain Aminotransferase 1; Polyclonal Antibody; Polyclonal Antibody to Branched Chain Aminotransferase 1; Cytosolic (BCAT1); BCT1; ECA39; Branched-chain-amino-acid aminotransferase; cytosolic; anti-BCAT1 antibody

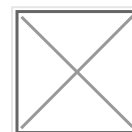
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against BCAT1. It has been selected for its ability to recognize BCAT1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-BCAT1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	BCAT1 (Gly174~Ser386)
Conjugate	No Conjugate
Cross Reactivity	Human, Rat
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant BCAT1 (Gly174~Ser386) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Rat Cerebrum lysate; Primary Ab: 2ug/ml Rabbit Anti-Human BCAT1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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
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)

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/branched-chain-aminotransferase-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145740>