

KD-Validated Anti-BCAT1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2010

Product Information

Application	WB, FC
Primary Accession	P54687
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Names	24GB7945
Calculated MW	42966
Gene Name	BCAT1
Aliases	BCAT1; Branched Chain Amino Acid Transaminase 1; BCATc; BCT1; Branched-Chain-Amino-Acid Aminotransferase, Cytosolic; Branched Chain Aminotransferase 1, Cytosolic; EC 2.6.1.42; ECA39; Branched Chain Amino-Acid Transaminase 1, Cytosolic; Placental Protein 18; Protein ECA39; PNAS121; BCAT(C); MECA39; PP18
Immunogen	Recombinant protein of human BCAT1

Additional Information

Gene ID	586
Other Names	Branched-chain-amino-acid aminotransferase, cytosolic, BCAT(c), 2.6.1.42, BCAT1, BCT1, ECA39 {ECO:0000303 PubMed:8692959}

Protein Information

Name	BCAT1
Synonyms	BCT1, ECA39 {ECO:0000303 PubMed:8692959}
Function	Catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine.
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:P54690}.
Tissue Location	During embryogenesis, expressed in the brain and kidney. Overexpressed in MYC-induced tumors such as Burkitt's lymphoma

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