

BCAT1 Monoclonal Antibody

Mouse Monoclonal Antibody

Catalog # ABV11770

Product Information

Application	WB, E
Primary Accession	NP_005495
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1, k

Additional Information

Positive Control	Western blot
Application & Usage	Western blot 1:1000, ELISA
Alias Symbol	BCAT1
Appearance	Colourless liquid
Formulation	50 μ g (1mg/ml) of antibody in PBS, pH 7.4 with 0.02% Sodium Azide, 10% Glycerol
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	BCAT1 Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

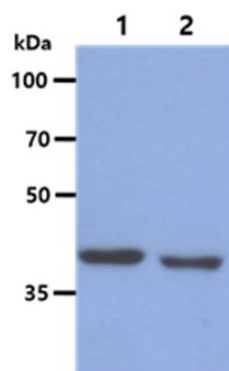
Protein Information

Background

BCAT1, also known as branched chain amino-acid transaminase (cytosolic form), catalyzes the reversible transamination of branched-chain alpha-keto acids to branched-chain L-amino acids essential for cell growth. Two different clinical disorders have been attributed to a defect of branched-chain amino acid transamination: hypervalinemia and hyperleucine-isoleucinemia. BCAT1 is expressed in the brain and kidney. Overexpressed in MYC-induced tumors such as Burkitts lymphoma.

Images

Western blot analysis using anti-human BCAT1 antibody.
Lane1(Jurkat cell lysate);Lane2(Hela cell lysate)



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.