For Research Use Only

BCAT1 Monoclonal antibody, PBS Only



Catalog Number:67084-1-PBS

Basic Information

Catalog Number: 67084-1-PBS Size: 100ug , Concentration: 1 mg/ml by Nanodrop; Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG28328 GenBank Accession Number: BC033864 GeneID (NCBI): 586 UNIPROT ID: P54687 Full Name: branched chain aminotransferase 1, cytosolic Calculated MW: 320 aa, 36 kDa Observed MW:

42-45 kDa

Purification Method: Protein G purification CloneNo.: 1G3A10

Applications

Tested Applications: WB, Indirect ELISA Species Specificity: Human, pig

Background Information

BCAT1, also named as branched-chain amino acid trasaminase1, is a cytosolic enzyme responsible for the reversible transamination of leucine, isoleucine and valine that catalyzes the transformation of branched-chain L-amino acids (BCAA) into branched-chain a-ketoacids (BCKA), thereby providing macromolecule precursors. It has been reported that BCAT1 is associated with tumor growth and disease progression (PMID:29255149).

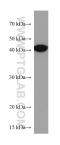
Storage

Storage: Store at -80°C. Storage Buffer: PBS Only

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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Selected Validation Data



Ramos cells were subjected to SDS PAGE followed by western blot with 67084-1-1g (BCAT1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67084-1-PBS in a different storage buffer formulation.