

For Research Use Only

BCAT1 Monoclonal antibody, PBS Only



Catalog Number: 67084-1-PBS

Basic Information

Catalog Number: 67084-1-PBS	GenBank Accession Number: BC033864	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 586	CloneNo.: 1G3A10
Source: Mouse	UNIPROT ID: P54687	
Isotype: IgG1	Full Name: branched chain aminotransferase 1, cytosolic	
Immunogen Catalog Number: AG28328	Calculated MW: 320 aa, 36 kDa	
	Observed MW: 42-45 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, pig

Background Information

BCAT1, also named as branched-chain amino acid transaminase1, 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 α -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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

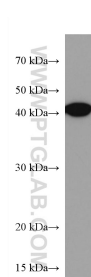
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Ramos cells were subjected to SDS PAGE followed by western blot with 67084-1-Ig (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.