

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: 100ug , Concentration: 1 mg/ml by Nanodrop;	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.

Storage Buffer:
PBS Only

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