

Datasheet for ABIN718856  
**anti-BCAT1 antibody (AA 321-386)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	BCAT1
Binding Specificity:	AA 321-386
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BCAT1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	BCAT1
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## Target Details

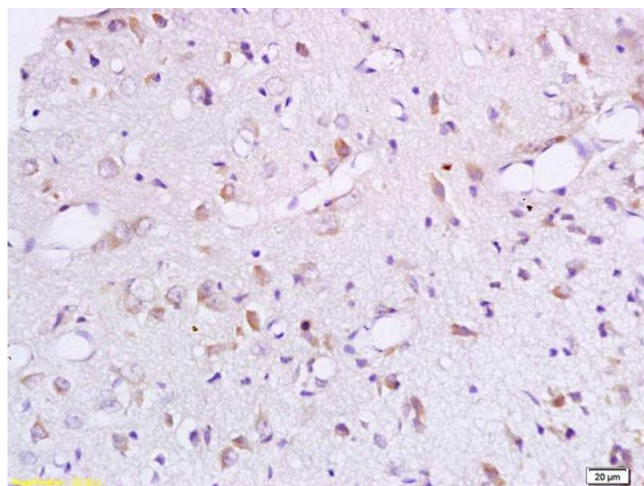
Alternative Name:	BCAT1 ( <a href="#">BCAT1 Products</a> )
Background:	<p>Synonyms: BCT1, PP18, BCATC, ECA39, MECA39, PNAS121, Branched-chain-amino-acid aminotransferase, cytosolic, BCAT(c), Protein ECA39, BCAT1</p> <p>Background: Catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine.</p>
Gene ID:	586
UniProt:	<a href="#">P54687</a>

## Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

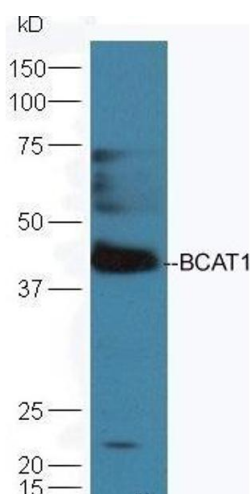
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



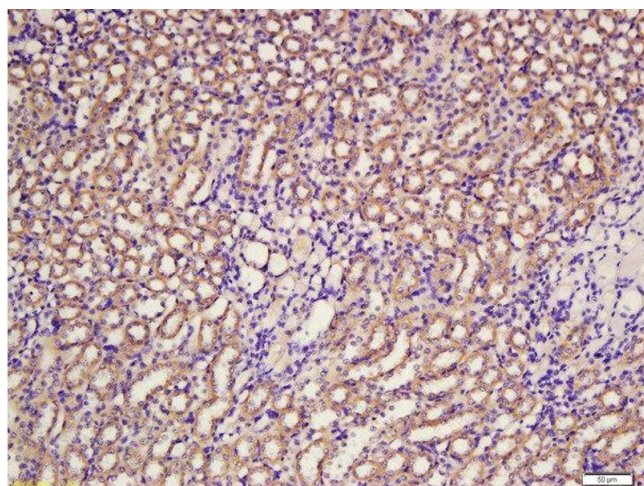
#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-BCAT1 Polyclonal Antibody, Unconjugated (ABIN718856) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



#### Western Blotting

**Image 2.** Mouse brain lysates probed with Rabbit Anti-BCAT1 Polyclonal Antibody at 1:5000 90min in 37°C.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin embedded rat kidney labeled with Rabbit Anti-BCAT1 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining