



Datasheet for ABIN7445063
anti-BCAT1 antibody (AA 179-411)



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6 Images

Overview

Quantity:	100 µL
Target:	BCAT1
Binding Specificity:	AA 179-411
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Branched Chain Aminotransferase 1, Cytosolic (BCAT1)
Immunogen:	Recombinant Branched Chain Aminotransferase 1, Cytosolic (BCAT1) corresponding to Tyr179~Pro411
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against BCAT1. It has been selected for its ability to recognize BCAT1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

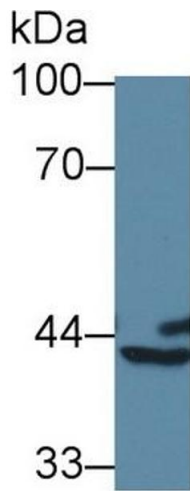
Target:	BCAT1
Alternative Name:	Branched Chain Aminotransferase 1, Cytosolic (BCAT1 Products)
Background:	BCT1, ECA39, Branched-chain-amino-acid aminotransferase, cytosolic

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

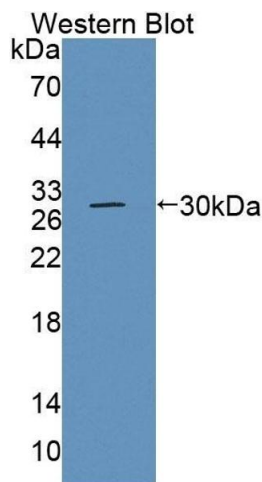
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



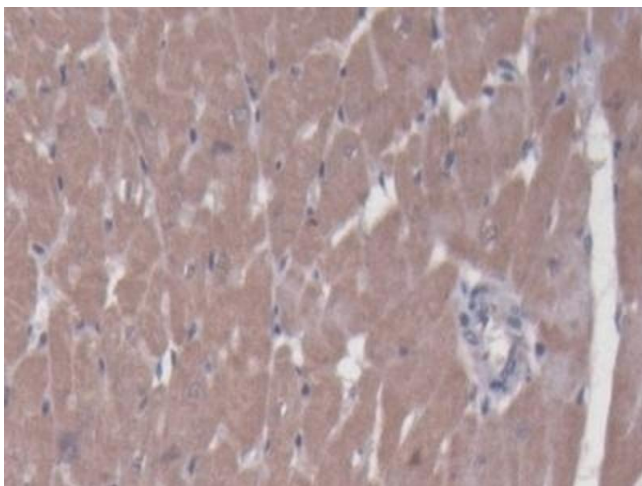
Western Blotting

Image 1. Detection of BCAT1 in Mouse Cerebrum lysate using Polyclonal Antibody to Branched Chain Aminotransferase 1, Cytosolic (BCAT1)



Western Blotting

Image 2. Detection of Recombinant BCAT1, Rat using Polyclonal Antibody to Branched Chain Aminotransferase 1, Cytosolic (BCAT1)



Immunohistochemistry

Image 3. Detection of BCAT1 in Rat Heart Tissue using Polyclonal Antibody to Branched Chain Aminotransferase 1, Cytosolic (BCAT1)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7445063.