

Datasheet for ABIN656822
anti-BCAT2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	BCAT2
Binding Specificity:	AA 309-336, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This BCAT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 309-336 amino acids from the C-terminal region of human BCAT2.
Clone:	RB19733
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	BCAT2
Alternative Name:	BCAT2 (BCAT2 Products)

Target Details

Background:	This gene encodes a branched chain aminotransferase found in mitochondria. The encoded protein forms a dimer that catalyzes the first step in the production of the branched chain amino acids leucine, isoleucine, and valine. Multiple transcript variants encoding different isoforms have been found for this gene.
-------------	---

Molecular Weight:	44288
-------------------	-------

Gene ID:	587
----------	-----

NCBI Accession:	NP_001158245 , NP_001181
-----------------	--

UniProt:	O15382
----------	------------------------

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
--------------------	----------------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
---------	--

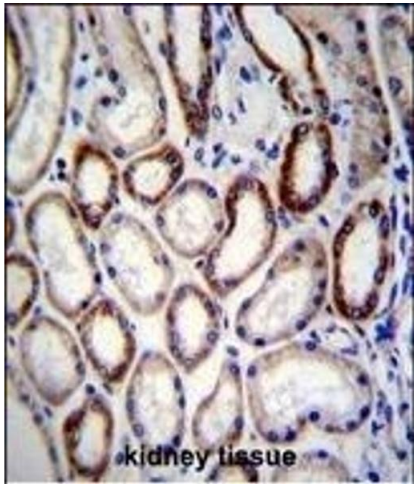
Preservative:	Sodium azide
---------------	--------------

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
----------	--------------

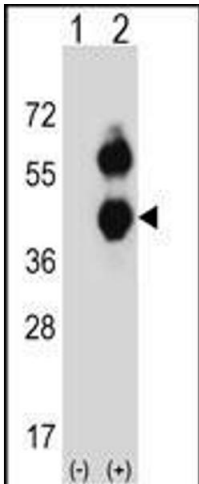
Storage Comment:	BCAT2 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
------------------	---

Expiry Date:	6 months
--------------	----------



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. BCAT2 Antibody (C-term) (ABIN656822 and ABIN2846033) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of BCAT2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of BCAT2 (arrow) using rabbit polyclonal BCAT2 Antibody (C-term) (ABIN656822 and ABIN2846033). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the BCAT2 gene.