


### Anti-BCAT2 antibody ab95976

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#### Overview

<b>Product name</b>	Anti-BCAT2 antibody
<b>Description</b>	Rabbit polyclonal to BCAT2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Cow 
<b>Immunogen</b>	Recombinant fragment containing a sequence corresponding to a region within amino acids 25-302 of Human BCAT2 (NP_001181).
<b>Positive control</b>	Raji whole cell lysates; A431 cells; Ca922; H1299, HeLaS3, HepG2, Molt4 cells
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab95976 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 44 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/100 - 1/200.

## Target

### Function

Catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine. May also function as a transporter of branched chain alpha-keto acids.

### Tissue specificity

Ubiquitous.

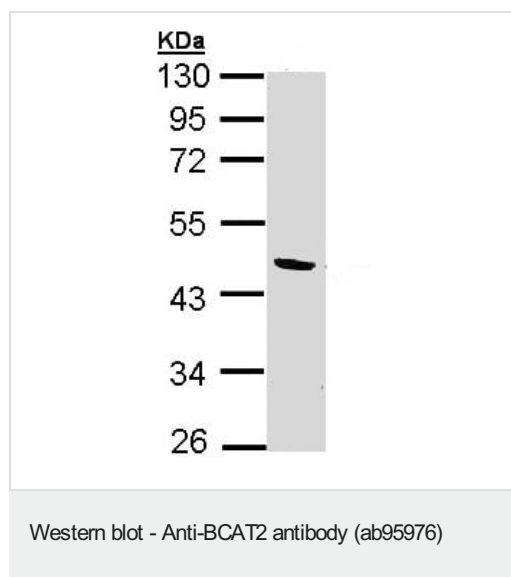
### Sequence similarities

Belongs to the class-IV pyridoxal-phosphate-dependent aminotransferase family.

### Cellular localization

Cytoplasm and Mitochondrion.

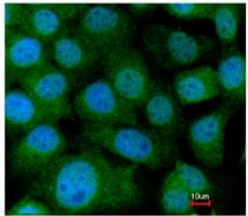
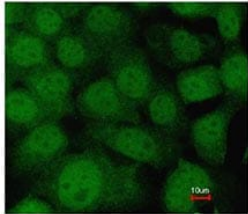
## Images



Anti-BCAT2 antibody (ab95976) at 1/1000 dilution + Raji whole cell lysate at 30 µg

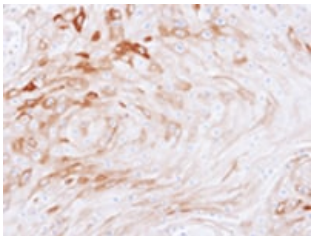
**Predicted band size:** 44 kDa

10% SDS-PAGE



Immunocytochemistry/ Immunofluorescence - Anti-BCAT2 antibody (ab95976)

ab95976, at 1/200 dilution, staining BCAT2 in paraformaldehyde-fixed A431 cells by Immunofluorescence. Lower image is merged with DNA probe.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BCAT2 antibody (ab95976)

Paraffin embedded Ca922 tissue stained for BCAT2 using ab95976 at 1/100 dilution in immunohistochemical analysis.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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