

Product datasheet

Anti-BCAT2 antibody ab95976

[4 References](#) [4 Images](#)

Overview

Product name	Anti-BCAT2 antibody
Description	Rabbit polyclonal to BCAT2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Cow
Immunogen	Recombinant fragment containing a sequence corresponding to a region within amino acids 25-302 of Human BCAT2 (NP_001181).
Positive control	Raji and NIH3T3 whole cell lysates; A431 cells; Ca922; H1299, HeLaS3, HepG2, Molt4 cells
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</p>

Properties

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

Applications

Our [Abpromise guarantee](#) covers the use of **ab95976** in the following tested applications.

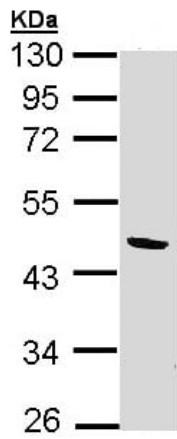
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

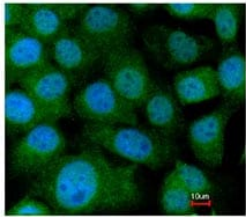
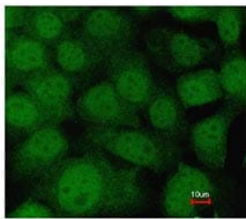


Western blot - Anti-BCAT2 antibody (ab95976)

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

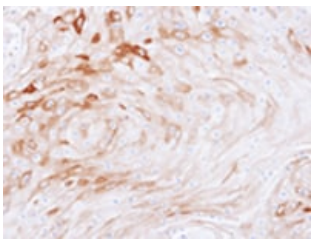
Predicted band size: 44 kDa

10% SDS-PAGE



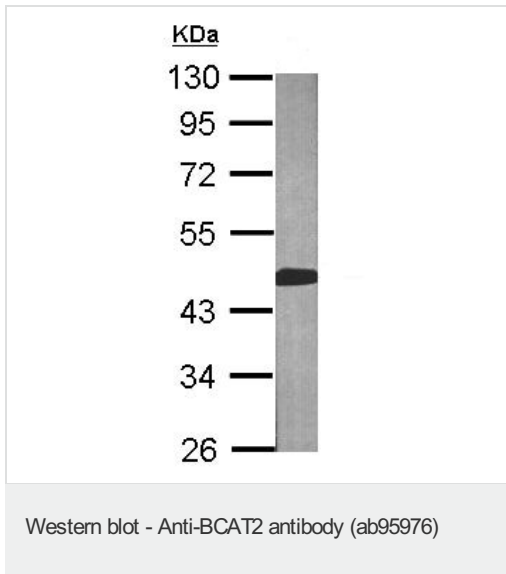
Immunocytochemistry/ Immunofluorescence - Anti-BCAT2 antibody (ab95976)

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.



Anti-BCAT2 antibody (ab95976) at 1/1000 dilution + NIH3T3 whole cell lysate at 30 µg

Predicted band size: 44 kDa

10% SDS-PAGE

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

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