

Datasheet for ABIN2855776
anti-BCAT2 antibody (Center)

4 Images

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Overview

Quantity:	100 µL
Target:	BCAT2
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human BCAT2. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to BCAT2 (branched chain amino-acid transaminase 2, mitochondrial) BCAT2 antibody
Purification:	Purified by antigen-affinity chromatography.

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.

Cellular Localization: Isoform A: Mitochondrion , Isoform B: Cytoplasm

Molecular Weight: 44 kDa

Gene ID: 587

Application Details

Application Notes: Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000*

Comment: Positive Control: A549 , H1299 , HCT116 , MCF-7 , NIH-3T3

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

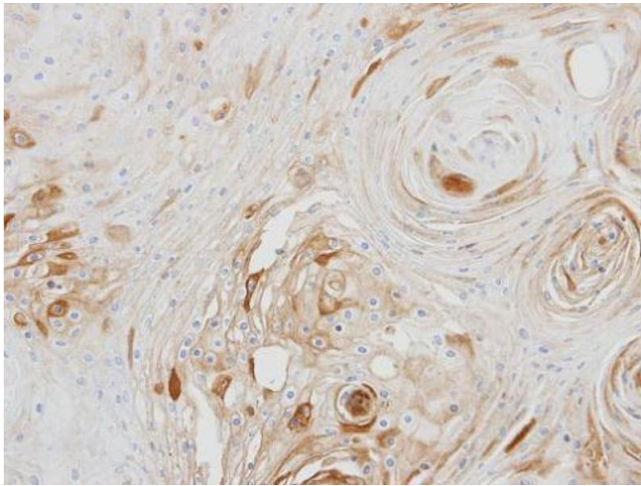
Buffer: 0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

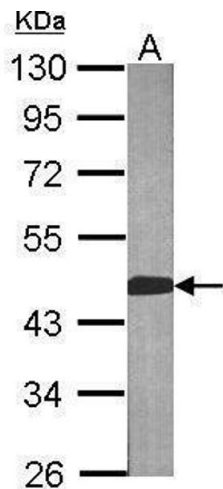
Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



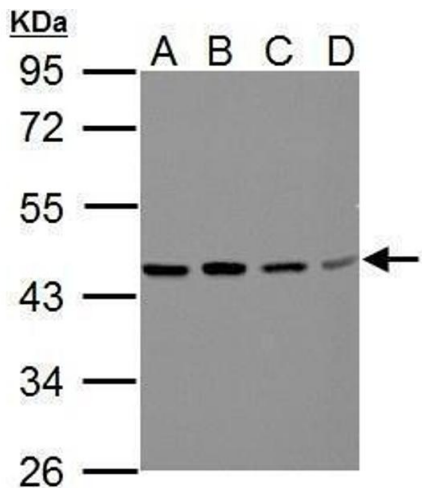
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded Ca922 xenograft, using BCAT2, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: NIH-3T3 10% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: A549 B: H1299 C: HCT116 D: MCF-7 10% SDS PAGE antibody diluted at 1:500

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855776.