

Anti-BCAT2 Antibody

Catalog Number: PA1502

About BCAT2

BCAT2, branched-chain aminotransferase 2, 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. The human BCAT2 gene is mapped to 19q13.

Overview

Product Name	Anti-BCAT2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-BCAT2 Antibody catalog # PA1502. Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O15382

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human BCAT2.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

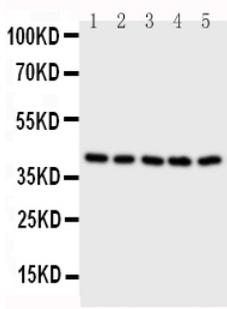
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

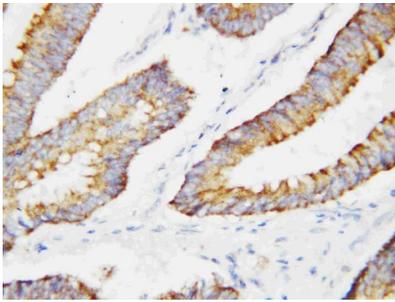
Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, By Heat

Western blot, 0.1-0.5ug/ml, Human

Anti-BCAT2 Antibody (PA1502) Images



Anti-BCAT2 antibody, PA1502, Western blotting
All lanes: Anti BCAT2 (PA1502) at 0.5ug/ml
Lane 1: A431 Whole Cell Lysate at 40ug
Lane 2: SW620 Whole Cell Lysate at 40ug
Lane 3: SMMC Whole Cell Lysate at 40ug
Lane 4: JURKAT Whole Cell Lysate at 40ug
Lane 5: CEM Whole Cell Lysate at 40ug
Predicted bind size: 41KD
Observed bind size: 41KD



Anti-BCAT2 antibody, PA1502, IHC(P)
IHC(P): Human Colon Cancer Tissue

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