

Catalog #: 5397

Aliases

BCAT1; Branched Chain Amino Acid Transaminase 1; BCATc; BCT1; Branched-Chain-Amino-Acid Aminotransferase, Cytosolic; Branched Chain Aminotransferase 1, Cytosolic; EC 2.6.1.42; ECA39; Branched Chain Amino-Acid Transaminase 1, Cytosolic; Placental Protein 18; Protein ECA39; PNAS121; BCAT(C); MECA39; PP18

Background

Gene Name: BCAT1

NCBI Gene Entry: [586](#)

UniProt Entry: [P54687](#)

Application Information

Molecular Weight: Predicted, 43 kDa; observed, 43 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB1315

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

Recombinant protein of human BCAT1

Isotype

Mouse IgG2a

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Flow Cytometry (FCM): 1:1,000

Note: This product is for research use only.

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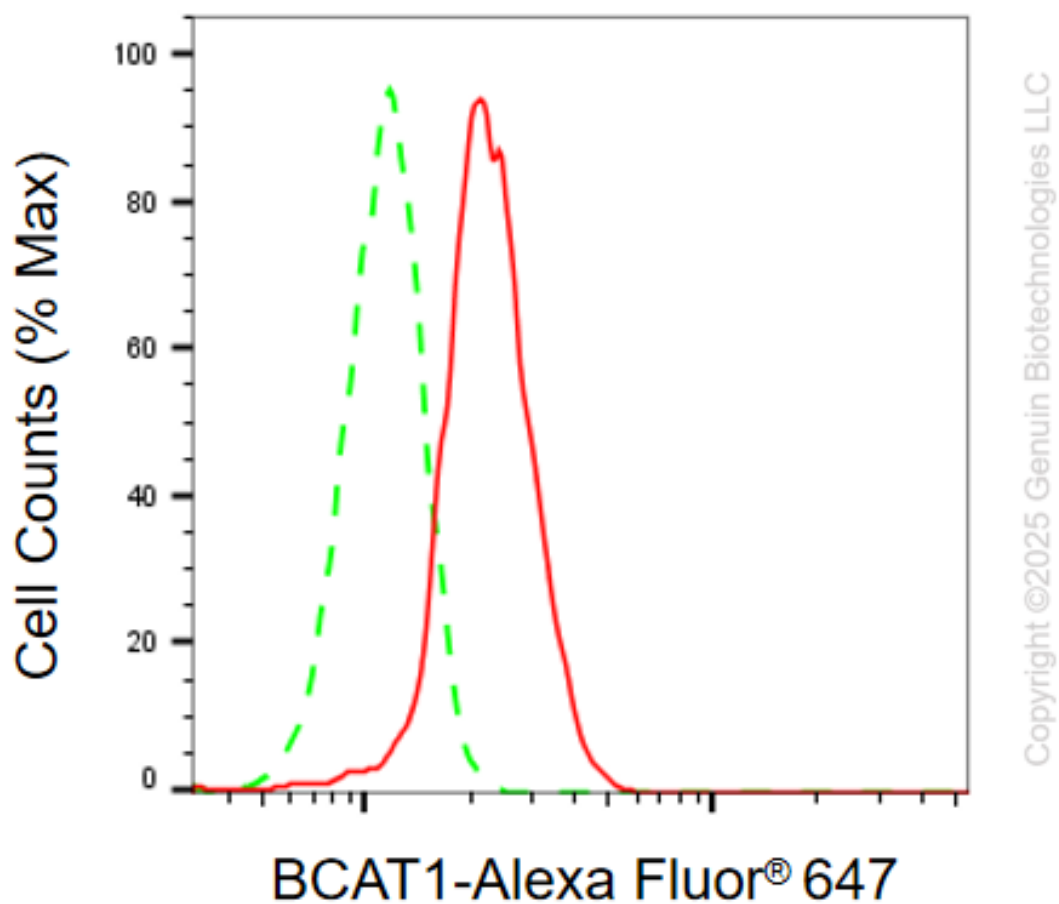
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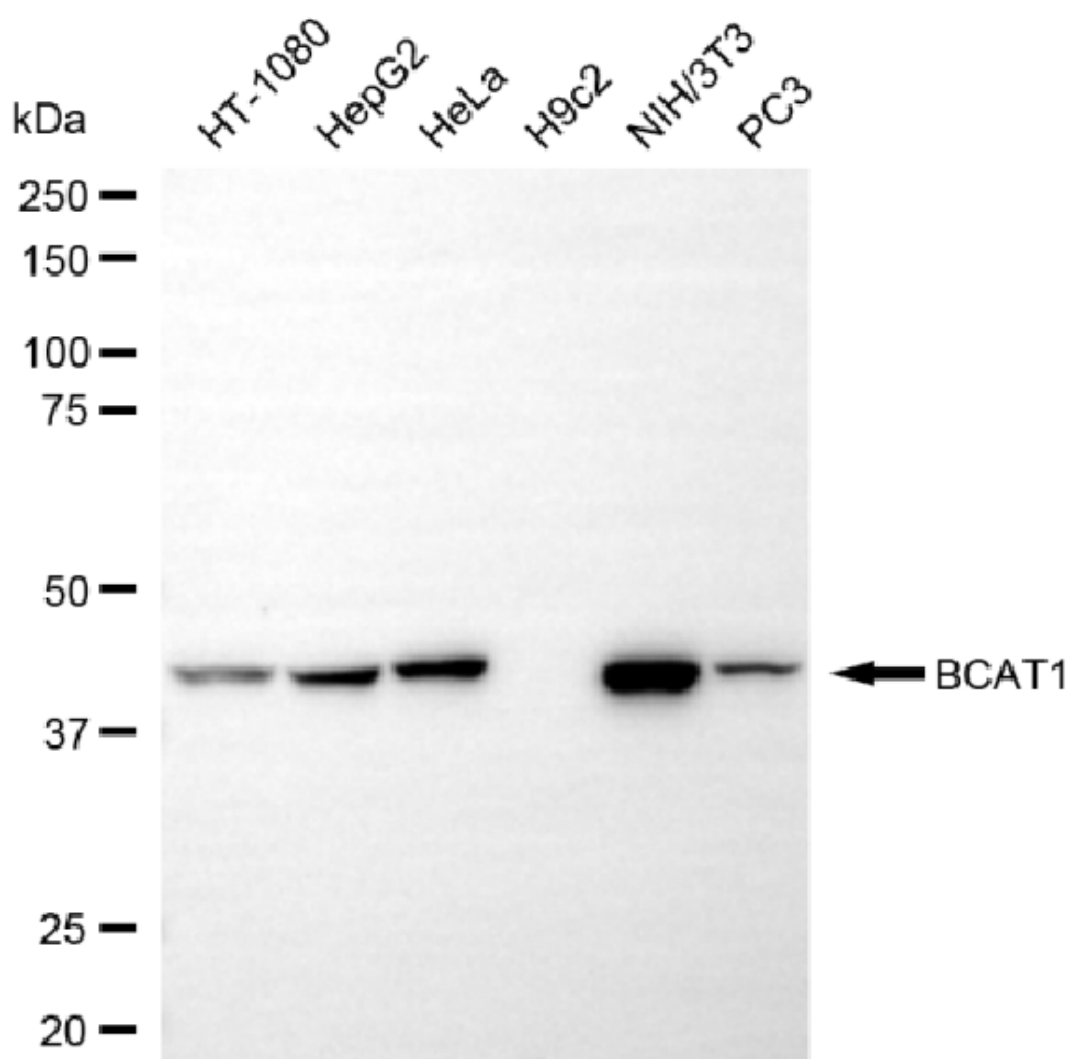
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Validation Data



Flow cytometric analysis of BCAT1 expression in C2C12 cells using anti-BCAT1 antibody (Cat#5397, 1:1,000). Green, isotype control; red, BCAT1.



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Western blotting analysis using anti-BCAT1 antibody (Cat#5397). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BCAT1 antibody (Cat#5397, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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