

## **Product datasheet for TA373959S**

## **BCAT2 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

**Applications:** ICC/IF, IHC, WB

Recommended Dilution: WB.1:500 - 1:2000

IHC,1:50 - 1:200 IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 20-200 of

human BCAT2 (NP\_001181.2).

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

**Conjugation:** Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 33kDa/44kDa

**Gene Name:** branched chain amino acid transaminase 2

Database Link: Entrez Gene 587 Human

015382

**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.

Synonyms: BCAM; BCAT(m); BCATM; BCT2; ECA40; PP18



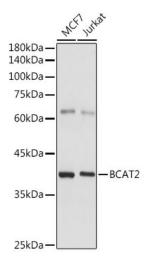
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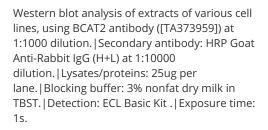
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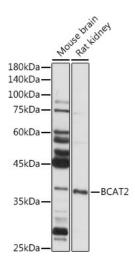
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## **Product images:**

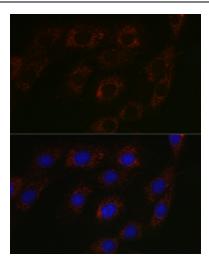






Western blot analysis of extracts of various cell lines, using BCAT2 antibody ([TA373959]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.





Immunofluorescence analysis of NIH-3T3 cells using BCAT2 Rabbit pAb ([TA373959]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.