

Product datasheet for **TA349705**

BCAT2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human placenta tissue, 231 cell lysates IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BCAT2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	branched chain amino acid transaminase 2
Database Link:	NP_001181 Entrez Gene 12036 Mouse Entrez Gene 587 Human O15382
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; BCATM; BCT2; PP18

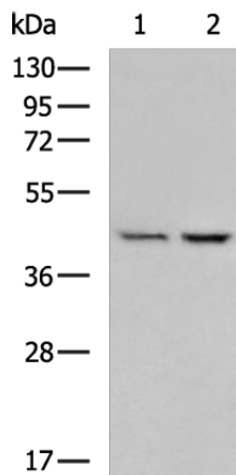


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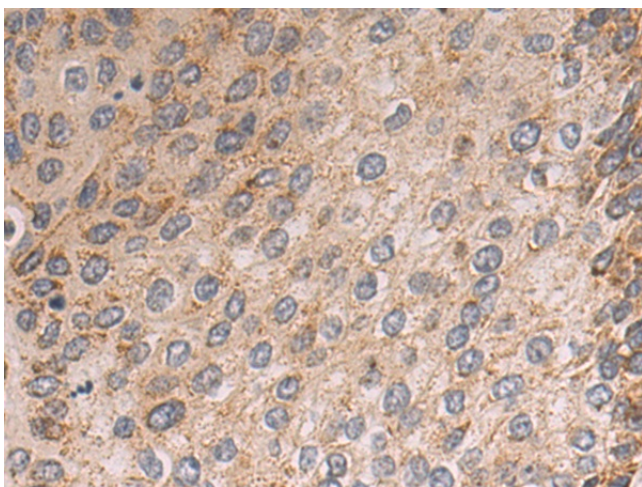
Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Pantothenate and CoA biosynthesis, Valine, leucine and isoleucine biosynthesis, Valine, leucine and isoleucine degradation

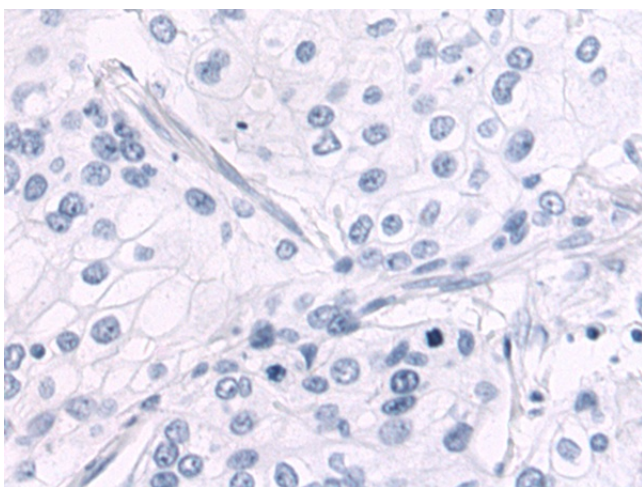
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: Human placenta tissue
231 cell lysates
Primary antibody: TA349705 (BCAT2 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 15 seconds



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA349705 (BCAT2 Antibody) at dilution 1/60 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA349705 (BCAT2 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)