

## Product datasheet for **TA349705S**

### BCAT2 Rabbit Polyclonal Antibody

#### Product data:

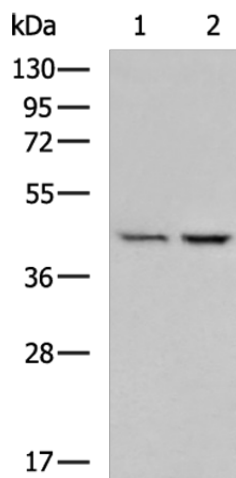
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human placenta tissue, 231 cell lysates IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BCAT2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
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:	<a href="#">NP_001181</a> <a href="#">Entrez Gene 12036 Mouse</a> <a href="#">Entrez Gene 587 Human</a> <a href="#">O15382</a>
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
Protein Families:	Druggable Genome



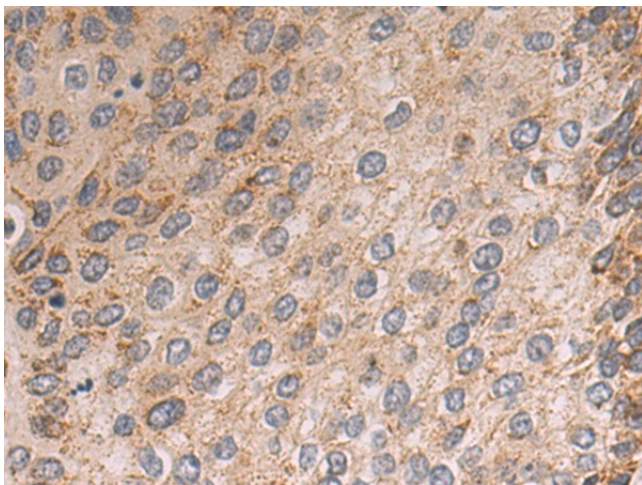
[View online »](#)

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

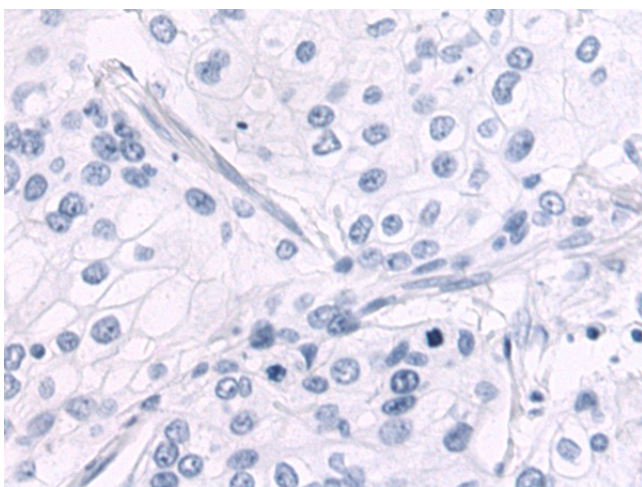
**Product images:**



Gel: 8%SDS-PAGE  
Lysate: 40 µg  
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: ×200)



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