

## Product datasheet for **TA369000S**

### BCAT2 Rabbit Polyclonal Antibody

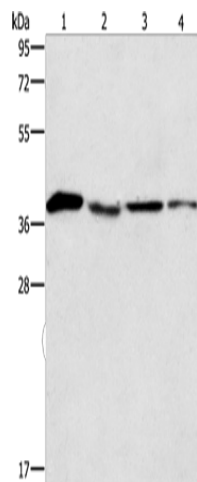
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human placenta tissue and NIH/3T3 cells, Raji and hepG2 cells IHC: 50-200 Positive control: Human thyroid 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.
Stability:	1 year
Predicted Protein Size:	44 kDa
Gene Name:	branched chain amino acid transaminase 2
Database Link:	<a href="#">Entrez Gene 587 Human 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; BCAT(m); BCATM; BCT2; ECA40; PP18

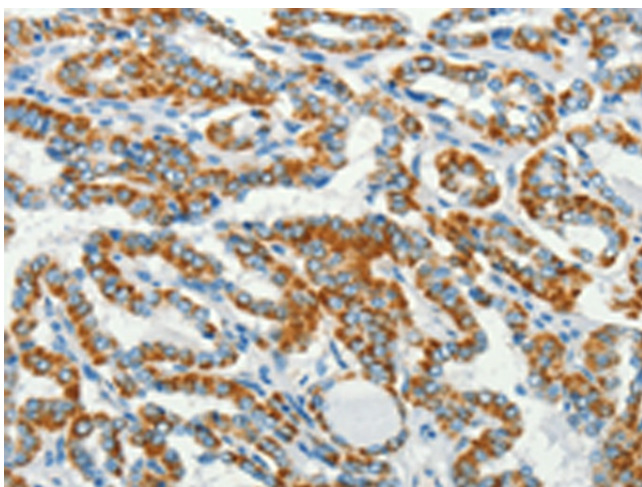


[View online »](#)

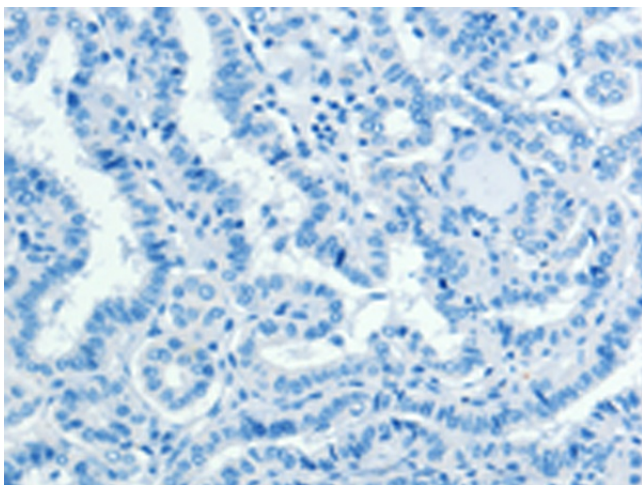
## Product images:



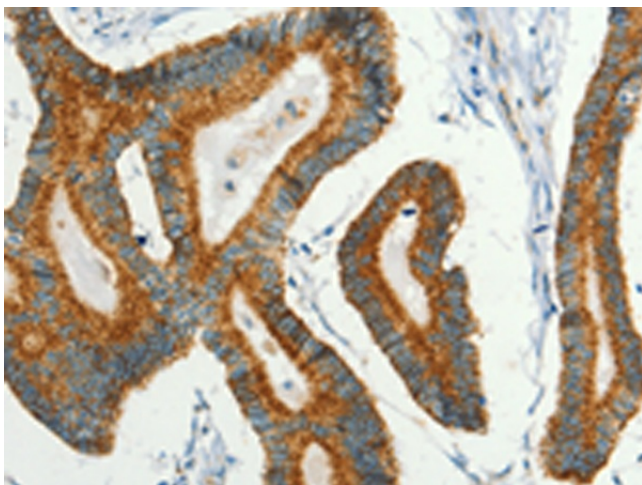
Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-4: Human placenta tissue  
NIH/3T3 cells  
Raji cells  
hepG2 cells  
Primary antibody: [TA369000] (BCAT2 Antibody)  
at dilution 1/250  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 5 seconds



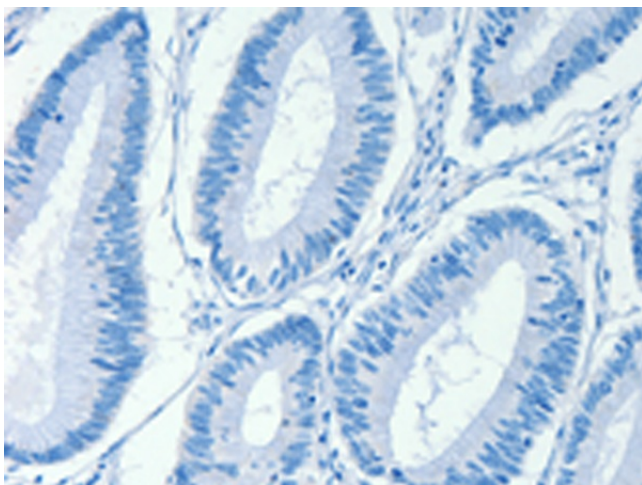
Immunohistochemistry of paraffin-embedded  
Human thyroid cancer tissue using [TA369000]  
(BCAT2 Antibody) at dilution 1/50 (Original  
magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA369000] (BCAT2 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA369000] (BCAT2 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA369000] (BCAT2 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)