

Product datasheet for **TA369000**

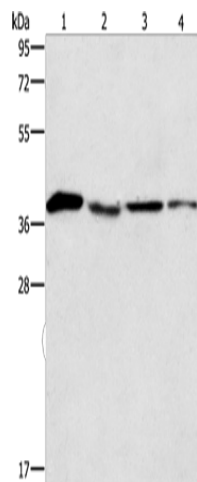
BCAT2 Rabbit Polyclonal Antibody

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 ₃ , 40% Glycerol
Concentration:	lot specific
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:	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; BCAT(m); BCATM; BCT2; ECA40; PP18



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Product images:

Gel: 12%SDS-PAGE

Lysate: 40 μ g

Lane 1-4: Human placenta tissue

NIH/3T3 cells

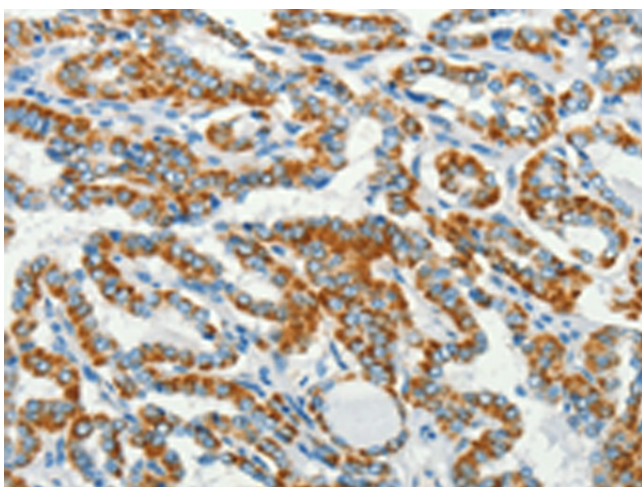
Raji cells

hepG2 cells

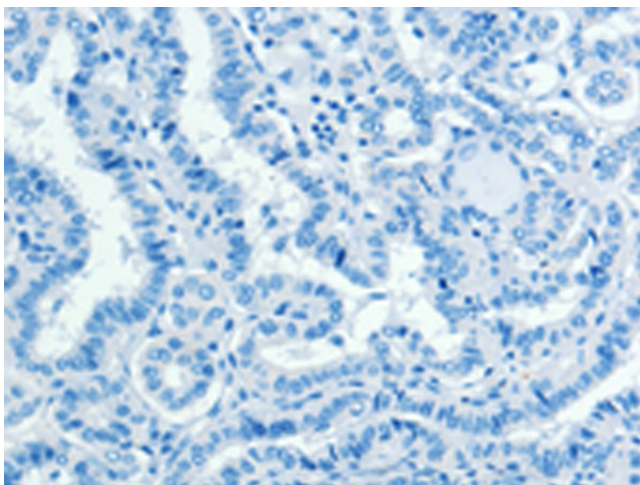
Primary antibody: TA369000 (BCAT2 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

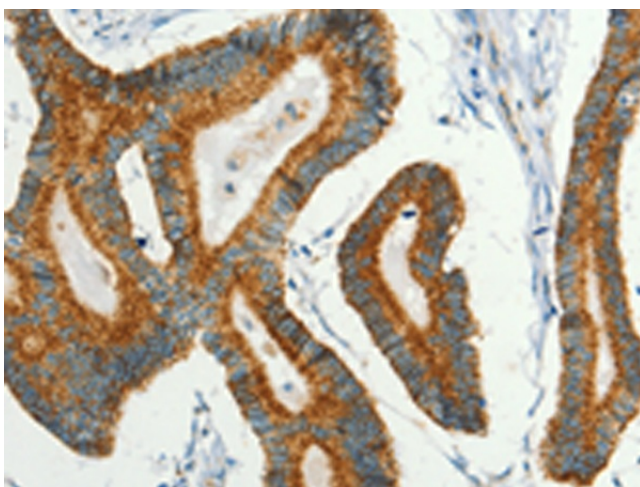
Exposure time: 5 seconds



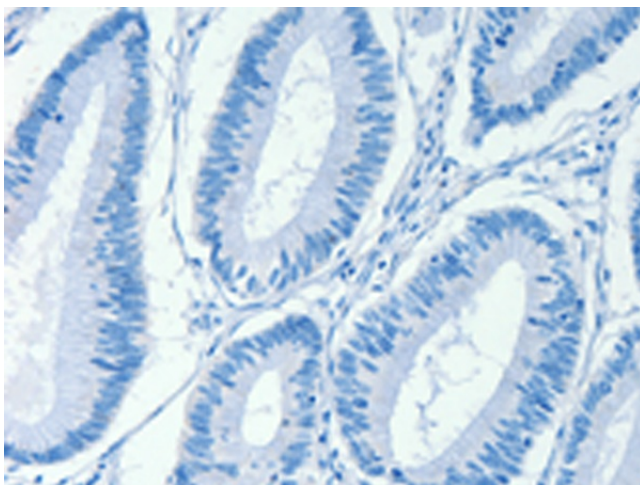
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369000 (BCAT2 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



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



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



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