

Product datasheet for **TA350796**

BCAS3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human gastric cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human BCAS3
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.
Gene Name:	breast carcinoma amplified sequence 3
Database Link:	NP_060149 Entrez Gene 192197 Mouse Entrez Gene 54828 Human Q9H6U6



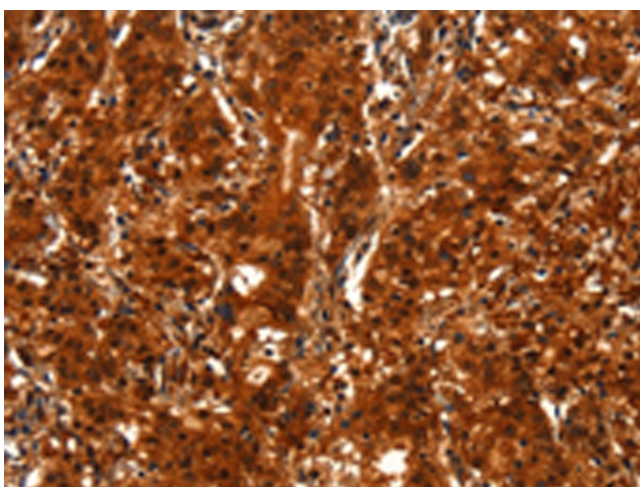
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Background:

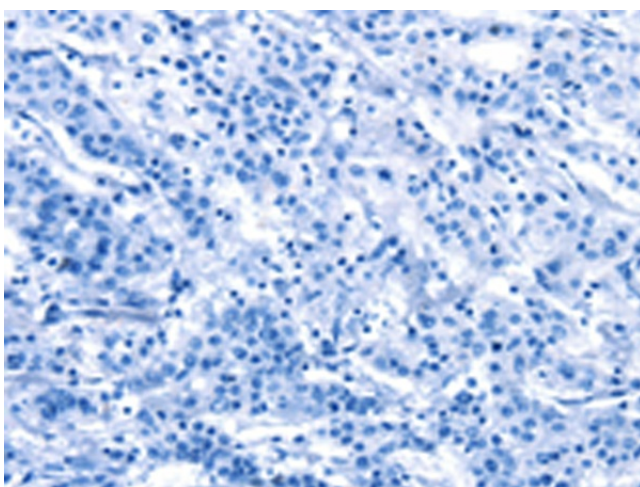
BCAS3 (breast carcinoma amplified sequence 3), also designated MAAB or GAOB1, is a 913 amino acid protein that is believed to be involved in breast cancer progression. The gene is regulated by ER α (estrogen receptor alpha) and expressed in multiple tissues, including malignant human brain lesions. It is overexpressed and amplified in breast cancer cell lines. BCAS3 contains three WD40 repeat regions, a bromodomain, a rare zinc-finger motif, four probable DNA-binding domains, and two kinase-inducible phosphorylation domains. Five variants are produced due to alternative splicing. BCAS3 interacts with histone H3 and PCAF, which is indicative of histone acetyltransferase activity. BCAS3 also exhibits ER α transactivation activity by acting as a coactivator with PELP1 or MTA1. The amplification and translocation between the BCAS3 gene and the BCAS4 gene results in a fusion transcript is overexpressed in MCF-7 cells.

Synonyms:

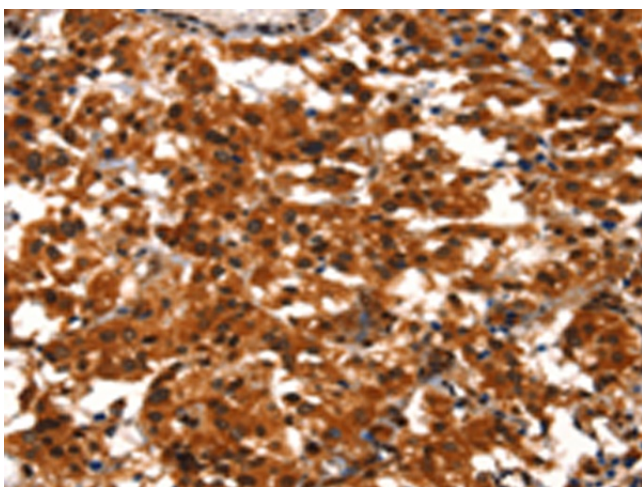
GAOB1; MAAB

Product images:

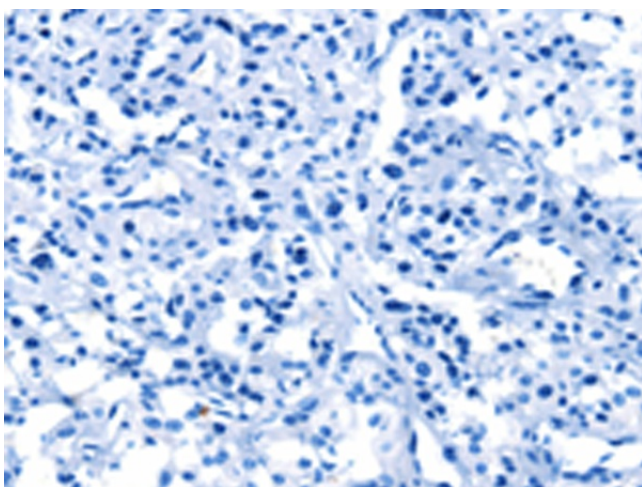
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA350796 (BCAS3 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA350796 (BCAS3 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350796 (BCAS3 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350796 (BCAS3 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: $\times 200$)