BCAS3 Antibody

Catalog No: #37148

Orders: order@signalwayantibody.com
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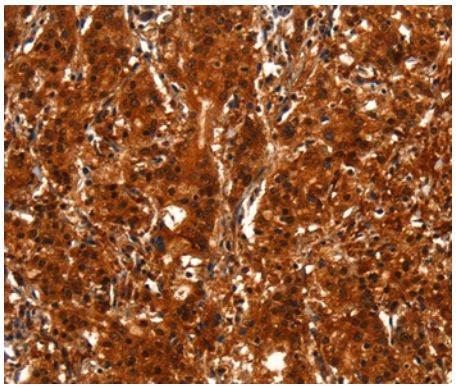
Description

Product Name	BCAS3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total BCAS3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human breast carcinoma amplified sequence 3
Target Name	BCAS3
Other Names	MAAB; GAOB1
Accession No.	Swiss-Prot#: Q9H6U6NCBI Gene ID: 54828Gene Accssion: NP_001092902
Uniprot	Q9H6U6
GeneID	54828;
Concentration	3.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

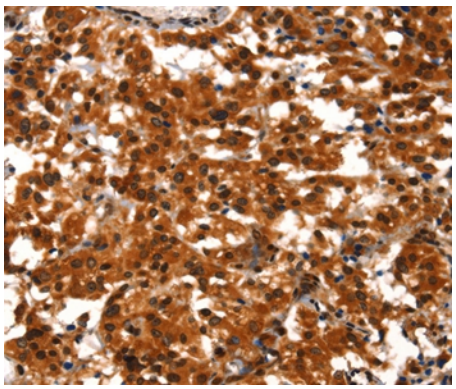
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37148 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37148 at dilution 1/40.

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? (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? transactiviation 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.

Note: This product is for in vitro research use only