BCAS3 Polyclonal Antibody

Catalog Number:E-AB-18703

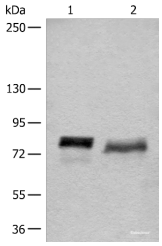
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

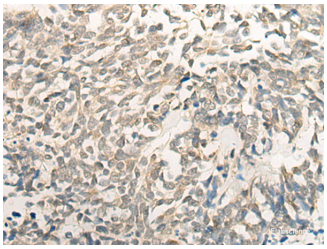
Reactivity	Human, Mouse
Immunogen	Fusion protein of human BCAS3
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:30-1:150
ELISA	1:5000-1:10000

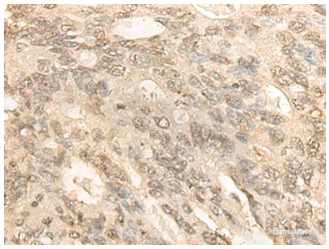
Data



Western blot analysis of 293T cell lysates using BCAS3 Polyclonal Antibody at dilution of 1:500
Observed Mw:Refer to figures
Calculated Mw:101 kDa



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using BCAS3 Polyclonal Antibody at dilution of 1:35(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using BCAS3 Polyclonal Antibody at dilution of 1:35(×200)

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

BCAS3 (breast carcinoma amplified sequence 3), also designated MAAB or GAOB1, is a 913 amino acid protein that is

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believed to be involved in breast cancer progression. The gene is regulated by ERå (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 ERå 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.

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