

BCAS2 Polyclonal Antibody

Catalog No. E-AB-30632

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

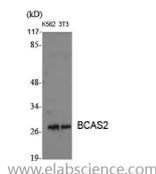
Description

Reactivity	Human,Mouse,Rat,Monkey
Immunogen	Synthesized peptide derived from the C-terminal region of human BCAS2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	PBS with 0.02% sodium azide,0.5% protective protein and 50% glycerol pH 7.4.

Applications Recommended Dilution

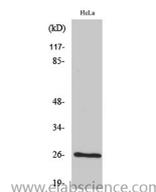
WB	1:500-1:2000
ELISA	1:5000

Data



Western Blot analysis of K562, 3T3 cells using BCAS2 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:27kDa
Calculated Mw:26kDa



Western Blot analysis of HeLa cells using BCAS2 Polyclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

BCAS2 (breast carcinoma amplified sequence 2), also designated DAM1 (DNA amplified in mammary carcinoma 1 protein) or spliceosome-associated SPF 27, is a ubiquitously expressed nuclear protein that was originally identified as being overexpressed in various breast cancer cell lines. BCAS2 is now known to be a component of the spliceosome, participating in the removal of introns from mRNA precursors. BCAS2 specifically interacts (in a ligand-independent manner) with TR β (thyroid hormone receptor beta), ER α (estrogen receptor alpha), ER γ , PR (progesterone receptor), and PPAR γ (Peroxisome proliferator-activated receptor gamma). BCAS2 functions as an ER coactivator and is capable of enhancing ER-mediated transcription. This suggests that BCAS2 is involved in the development of breast cancer.

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