For Research Use Only

BCAS2 Monoclonal antibody

Catalog Number:68003-1-Ig

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
68003-1-Ig

Size:
1000 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG21309

GenBank Accession Number:
BC005285

GeneID (NCBI):
10286

UNIPROT ID:
O75934

Full Name:
breast carcinoma amplified sequence 2

Calculated MW:
26 kDa

Observed MW:
28 kDa

Purification Method:
Protein G purification

CloneNo.:
2A12G1

Recommended Dilutions:
WB 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : HepG2 cells, LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

Background Information

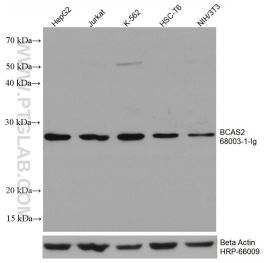
Breast carcinoma amplified sequence 2 (BCAS2) is preferentially known as pre-mRNA splicing factor SPF27 and was originally characterized as an up-regulated gene by amplification in human breast cancer cells. BCAS2 has been shown to be involved in DNA damage repair through the replication protein A (RPA) complex.

Storage

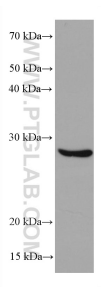
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 68003-1-Ig (BCAS2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



LNCaP cells were subjected to SDS PAGE followed by western blot with 68003-1-Ig (BCAS2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.