

For Research Use Only

BCAS3 Polyclonal antibody

Catalog Number: 10402-1-AP **Featured Product**



Basic Information

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| Catalog Number: 10402-1-AP | GenBank Accession Number: BC001250 | Purification Method: Antigen affinity purification |
| Size: 170 µg/ml | GeneID (NCBI): 54828 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | UNIPROT ID: Q9H6U6 | |
| Isotype: IgG | Full Name: breast carcinoma amplified sequence | |
| Immunogen Catalog Number: AG0646 | 3 | |
| | Calculated MW: 99 kDa | |
| | Observed MW: 74 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : A549 cells, A431 cells, HeLa cells, Jurkat cells |
| Species Specificity: human, mouse, rat | |

Background Information

Rudhira/BCAS3 (Breast Cancer Amplified Sequence 3) is a conserved protein expressed in the embryonic vasculature and malignant tumors. Rudhira is a predicted WD40 domain protein. During mouse development Rudhira is expressed in erythropoietic and angiogenic precursors but not in their differentiated progeny. This transient expression of Rudhira is also seen in normal adult angiogenesis. BCAS3, the human ortholog of Rudhira is 98% identical and the gene maps to a breakpoint of hematological neoplasms on chromosome 17q23.1. BCAS3 is also expressed in vascular development in embryoid bodies in vitro and was originally identified as a gene over-expressed in breast cancers. It is reported to be a target of metastasis associated protein-1 (MTA-1). Further BCAS3 expression is also upregulated in grade III and IV glioblastomas where it is misexpressed in the tumor cells.

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

For technical support and original validation data for this product please contact:

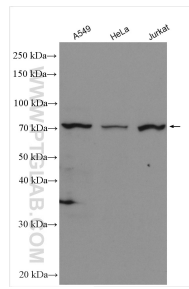
T: 4006900926

E: Proteintech-CN@ptglab.com

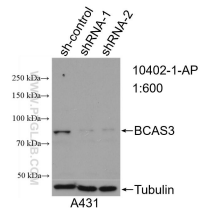
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10402-1-AP (BCAS3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of BCAS3 antibody (10402-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-BCAS3 transfected A431 cells.