

BCAS3 Polyclonal Antibody

Catalog number: 10402-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

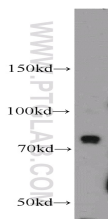
Synonyms:

BCAS3; BCAS3,

DKFZp686O1527, FLJ20128,

GAOB1, MAAB, Protein

Maab1, Rudhira



HeLa cells were subjected to SDS PAGE followed by western blot with 10402-1-AP (BCAS3 antibody) at dilution of 1:400

Background

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.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated BCAS3 MW:	99 kDa
Observed BCAS3 MW:	74kd
Positive WB detected in	HeLa cells, MCF7 cells
Recommended dilution:	WB: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0646
GenBank accession number:	BC001250
Gene ID (NCBI):	54828
Full name:	Breast carcinoma amplified sequence 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.