

For Research Use Only

BCAS3 Monoclonal antibody

Catalog Number: 67085-1-Ig



Basic Information

Catalog Number: 67085-1-Ig	GenBank Accession Number: BC001250	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54828	CloneNo.: 1G7B1
Source: Mouse	UNIPROT ID: Q9H6U6	Recommended Dilutions: WB 1:2000-1:20000
Isotype: IgG1	Full Name: breast carcinoma amplified sequence 3	
Immunogen Catalog Number: AG28545	Calculated MW: 99 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U2OS cells, K-562 cells, Jurkat cells, A431 cells, HEK-293 cells, A549 cells, LNCaP cells, pig brain tissue, rat brain tissue, mouse rat tissue
Species Specificity: Human, Mouse, Rat, Pig	

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 embryo 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

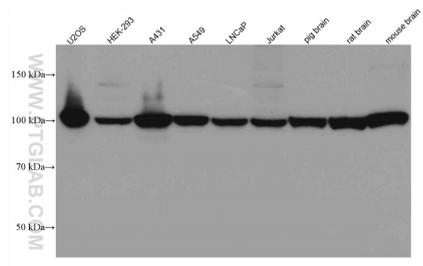
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67085-1-Ig (BCAS3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.