

# BCAS3 Monoclonal antibody

Catalog Number: 67085-1-Ig

## Basic Information

**Catalog Number:**

67085-1-Ig

**Size:**150ul, Concentration: 1000 µg/ml by  
Bradford method using BSA as the  
standard;**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG28545

**GenBank Accession Number:**

BC001250

**GeneID (NCBI):**

54828

**UNIPROT ID:**

Q9H6U6

**Full Name:**

breast carcinoma amplified sequence

3

**Calculated MW:**

99 kDa

**Observed MW:**

100 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

1G7B1

**Recommended Dilutions:**

WB 1:2000-1:20000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, Mouse, Rat, Pig

**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

## 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.

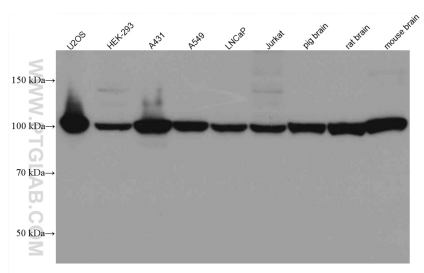
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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)E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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.