SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-BCAS1 antibody

Catalog Number: SL11462R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	BCAS1
Immunogen:	KLH conjugated synthetic peptide derived from human BCAS1: 542-584/584
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat)
Predicted MW.:	62kDa
Subcellular Location:	cytoplasmic
Background:	This gene resides in a region at 20q13 which is amplified in a variety of tumor types and associated with more aggressive tumor phenotypes. Among the genes identified from this region, it was found to be highly expressed in three amplified breast cancer cell lines and in one breast tumor without amplification at 20q13.2. However, this gene is not in the common region of maximal amplification and its expression was not detected in the breast cancer cell line MCF7, in which this region is highly amplified. Although not consistently expressed, this gene is a candidate oncogene. [provided by RefSeq, Jul 2008] **Function:** Expressed in brain and prostate, and at lower levels in testis,

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	intestine and colon. Overexpressed in most breast cancer cell lines and down-regulated in some colorectal tumors. **Subunit:** Homodimer. May interact with DYNLL1 and DYNLL2 **Subcellular Location:** Cytoplasm. **Tissue Specificity:** Expressed in brain and prostate, and at lowerlevels in testis, intestine and colon. Overexpressed in most breastcancer cell lines and down-regulated in some colorectal tumors. **Database links:** **Entrez Gene:** 8537 Human Omim: 602968 Human **SwissProt:** O75363 Human **Unigene:** 728940 Human

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