

bs-11462R**[Primary Antibody]****BCAS1 Rabbit pAb****BioSS**
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400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 8537	SWISS: O75363	IHC-F (1:100-500)
Target: BCAS1		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human BCAS1: 542-584/584.		ICC/IF (1:100-500)
Purification: affinity purified by Protein A		ELISA (1:5000-10000)
Concentration: 1mg/ml		Reactivity: (predicted: Human, Mouse, Rat)
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 62 kDa
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]		Subcellular Location: Cytoplasm

— SELECTED CITATIONS —

- **[IF=17.694]** Zhao, Ying. et al. Vascular endothelium deploys caveolin-1 to regulate oligodendrogenesis after chronic cerebral ischemia in mice. NAT COMMUN. 2022 Nov;13(1):1-20 IF ;Mouse. 36357389
- **[IF=6.9]** Zhenqian Huang. et al. Lipocalin-2 regulates astrocyte-oligodendrocyte interaction to drive post-stroke secondary demyelination. CELL REP. 2025 Jul;44: IF ;Mouse. 40544452
- **[IF=6.27]** Seiji Kajiet al. BCAS1-positive immature oligodendrocytes are affected by the α -synuclein-induced pathology of multiple system atrophy. Acta Neuropathol Commun . 2020 Jul 29;8(1):120. IF, WB ;rat, Human. 32727582
- **[IF=4.6]** Di Wang. et al. Theta-burst transcranial magnetic stimulation attenuates chronic ischemic demyelination and vascular cognitive impairment in mice. EXP NEUROL. 2025 Jan;383:115022 IF ;Mouse. 39442857