www.bioss.com.cn
sales@bioss.com.cn
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400-901-9800

BCAS1 Rabbit pAb

Catalog Number:	bs-11462R
Target Protein:	BCAS1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)
Reactivity:	(predicted:Human, Mouse, Rat)
Predicted MW:	62 kDa
Entrez Gene:	8537
Swiss Prot:	O75363
Source:	KLH conjugated synthetic peptide derived from human BCAS1: 542-584/584.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
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]

PRODUCT SPECIFIC PUBLICATIONS

[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=6.27] 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