

bs-8662R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

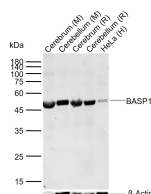
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

BASP1 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Zebrafish)
GeneID: 10409	SWISS: P80723	Predicted MW.: 25 kDa
Target: BASP1		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human BASP1/Nap22: 3-100/227.		
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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Neuronal axonal membrane protein Nap-22, also designated neuronal tissue-enriched acidic protein or brain acid soluble protein (BASP1), is a Ca ²⁺ -dependent calmodulin-binding protein that is important for neuronal sprouting and plasticity. Nap-22 is abundant in brain nerve terminals and is also present in significant amounts in kidney, testis and lymphoid tissue. Nap-22 undergoes N-terminal myristoylation for membrane localization. It has been characterized as a major protein of neuronal rafts, which are known to preferentially bind membranes containing cholesterol. Nap-22 is a crucial protein active in neurite outgrowth and synaptic plasticity.		

VALIDATION IMAGES

Sample: Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Cerebellum tissue lysates Lane 3:
Rat Cerebrum tissue lysates Lane 4: Rat
Cerebellum tissue lysates Lane 5: Human HeLa
cell lysates Primary: Anti-BASP1 (bs-8662R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 25 kDa Observed band size: 47 kDa

SELECTED CITATIONS

- **[IF=6.1]** Zhangdi Xu. et al. Construction of a TAN-associated risk score model with integrated multi-omics data analysis and clinical validation in gastric cancer. LIFE SCI. 2024 Jul;349:122731 IHC ;Human. 38782354
- **[IF=3.998]** Louis N. Manganas. et al. BASP1 labels neural stem cells in the neurogenic niches of mammalian brain. Sci Rep-Uk. 2021 Mar;11(1):1-18 IHC ;Mouse. 33692421