

bs-8726R**[Primary Antibody]****BioSS**
ANTIBODIES

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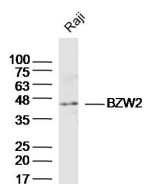
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BZW2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Cow)
GeneID: 28969	SWISS: Q9Y6E2	
Target: BZW2		Predicted MW.: 48 kDa
Immunogen: KLH conjugated synthetic peptide derived from human BZW2: 151-250/419.		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
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: BZW2, also known as HSPC028 or MSTP017, is a 419 amino acid protein that contains one W2 domain and is thought to be involved in neuronal differentiation. The gene encoding BZW2 maps to human chromosome 7. Chromosome 7 houses over 1,000 genes and comprises nearly 5% of the human genome. Defects in some of the genes localized to chromosome 7 have been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders, including cases of acute myelogenous leukemia and myelodysplasia.		

— VALIDATION IMAGES —

Sample:Raji (Human)Cell Lysate at 40 ug
Primary: Anti-BZW2(bs-8726R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 48kD
Observed band size: 46kD

— SELECTED CITATIONS —

- **[IF=3.923]** Jin X et al. Role of the novel gene BZW2 in the development of hepatocellular carcinoma.J Cell Physiol. 2019 Feb 25. IHC ;Human. 30805927
- **[IF=2.6]** Yan Mo. et al. BZW2 is a potential regulator of non-small cell lung cancer progression. GENE. 2024 Oct;;149055 IHC ;Human. 39490647
- **[IF=0.205]** Wang S et al. Prognostic significance of BZW2 expression in lung adenocarcinoma patients. Int J Clin Exp Pathol. 2019 Dec 1;12(12):4289-4296. eCollection 2019. IHC ;Human. 31933829

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.