

bs-9721R**[Primary Antibody]****FEZ1 Rabbit pAb****BioSS**
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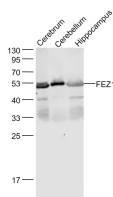
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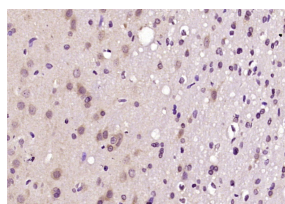
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 9638 Target: FEZ1 Immunogen: KLH conjugated synthetic peptide derived from human FEZ1: 301-392/392. 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: Frequent loss of heterozygosity (LOH) at human chromosome 8p22-p21 is associated with various tumors including prostate and breast cancer. The 8p22-p21 region contains the FEZ1 gene, which is altered in tumors of the esophagus, prostate and breast. The FEZ1 protein (also known as leucine zipper putative tumor suppressor or LZTS1) contains a DNA-binding leucine zipper motif. FEZ1 is expressed in normal breast and prostate, but alterations in FEZ1 expression result in abnormal cell growth. The absence of FEZ1 expression is characteristic of breast and prostate cancer cell lines as well as primary breast and pro-state tumors. This absence of FEZ1 may be due to several factors, including mutations in the FEZ1 gene or hypermethylation of the CpG island flanking the FEZ1 promoter region. FEZ1 acts as a negative regulator of cell growth. During cell-cycle progression, FEZ1 localizes to microtubule components and is hyperphosphorylated by cAMP-dependent kinase.	Isotype: IgG SWISS: Q99689 Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 45 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Cerebrum (Mouse) Lysate at 40 ug
Cerebellum (Mouse) Lysate at 40 ug
Hippocampus (Mouse) Lysate at 40 ug Primary:
Anti- FEZ1 (bs-9721R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 45 kD
Observed band size: 45 kD



Paraformaldehyde-fixed, paraffin embedded
(mouse cerebellum); Antigen retrieval by boiling
in sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (FEZ1) Polyclonal Antibody,
Unconjugated (bs-9721R) at 1:200 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.