

bs-9632R**[Primary Antibody]****BioSS**
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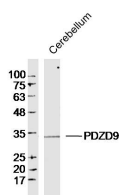
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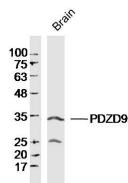
PDZD9 Rabbit pAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 255762**SWISS:** Q8IXQ8**Target:** PDZD9**Immunogen:** KLH conjugated synthetic peptide derived from human PDZD9: 51-150/264.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 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.

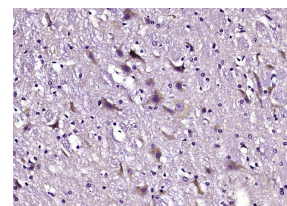
Background: PDZD9 (PDZ domain containing 9) is a 264 amino acid protein that contains one PDZ (DHR) domain and participates in protein binding. Conserved in chimpanzee, dog, cow, mouse and rat, PDZD9 exists as two alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 16p12.1. Chromosome 16 encodes over 900 genes, approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. Giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth, and the rare disorder Rubinstein-Taybi syndrome, characterized by mental retardation and predisposition to tumor growth and white blood cell neoplasias, are associated with chromosome 16. Crohn's disease, a gastrointestinal inflammatory condition, and systemic lupus erythematosus are also associated with chromosome 16.

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, Dog, Horse)**Predicted MW.:** 30 kDa**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

Sample: Cerebellum (Mouse) Lysate at 40 ug
 Primary: Anti-PDZD9 (bs-9632R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30kD
 Observed band size: 30kD



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Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum tissue); 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 (PDZD9) Polyclonal Antibody, Unconjugated (bs-9632R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.