

**bs-20785R****[ Primary Antibody ]****Bioss**  
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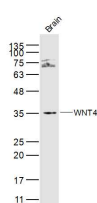
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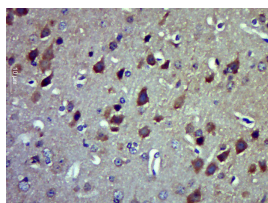
400-901-9800

**WNT4 Rabbit pAb****— DATASHEET —**

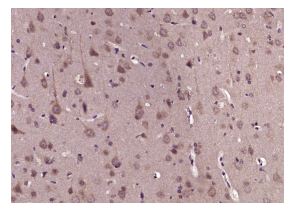
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 54361	<b>SWISS:</b> P56705	<b>IHC-F</b> (1:100-500)
<b>Target:</b> WNT4		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human WNT4: 201-300/351.		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, Horse)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 37 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted ,Extracellular matrix
<b>Storage:</b> 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.		
<b>Background:</b> Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters (By similarity). Overexpression may be associated with abnormal proliferation in human breast tissue.		

**— VALIDATION IMAGES —**

Sample: Brain (Mouse) Lysate at 40 ug Primary:  
Anti-WNT4 (bs-20785R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 37 kD  
Observed band size: 37 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (WNT4) Polyclonal Antibody, Unconjugated (bs-20785R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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 (WNT4) Polyclonal Antibody, Unconjugated (bs-20785R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=2.299]** Wang X et al. Influence of Wilms' tumor suppressor gene WT1 on bovine Sertoli cells polarity and tight junctions via non-canonical WNT signaling pathway. Theriogenology. 2019 Jul 8;138:84-93. WB ;COW. 31302435