

bs-20786R**[Primary Antibody]****Bioss**
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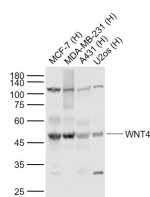
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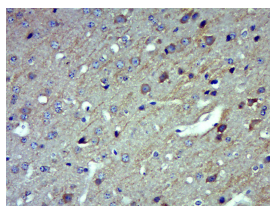
400-901-9800

WNT4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 54361	SWISS: P56705	IHC-F (1:100-500)
Target: WNT4		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human WNT4: 101-200/351.		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 37 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted ,Extracellular matrix
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: 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: Lane 1: MCF-7 (Human) Cell Lysate at 30 ug
 Lane 2: MDA-MB-231 (Human) Cell Lysate at 30 ug
 Lane 3: A431 (Human) Cell Lysate at 30 ug
 Lane 4: U2OS (Human) Cell Lysate at 30 ug
 Primary: Anti-WNT4 (bs-20786R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 37 kD
 Observed band size: 47 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-20786R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=2.626]** Zhao, Gang. et al. LINC02381, a sponge of miR-21, weakens osteogenic differentiation of hUC-MSCs through KLF12-mediated Wnt4 transcriptional repression. 2021 Nov 15 **WB ;Mouse,Human**. 34778905