

bs-6135R**[Primary Antibody]****Wnt6 Rabbit pAb****Bioss**
ANTIBODIES

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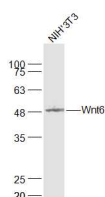
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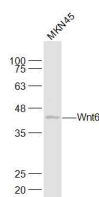
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— DATASHEET —

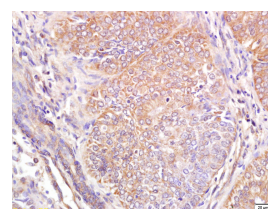
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 7475	SWISS: Q9Y6F9	IHC-F (1:100-500)
Target: Wnt6		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Wnt6: 281-365/365.		Reactivity: Human, Mouse (predicted: Rat)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 38 kDa
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.		Subcellular Location: Secreted ,Extracellular matrix
Background: Wnt6 is a member of the WNT protein family. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt6 is overexpressed in cervical and breast cell carcinomas and is co-expressed with Wnt10a in colorectal cancer cell lines.		

— VALIDATION IMAGES —

Sample: NIH/3T3(Mouse) Cell Lysate at 30 ug
 Primary: Anti-Wnt6 (bs-6135R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD
 Observed band size: 48 kD



Sample: MKN45(Human) Cell Lysate at 30 ug
 Primary: Anti-Wnt6 (bs-6135R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD
 Observed band size: 42 kD



Tissue/cell: human breast carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Wnt6 Polyclonal Antibody, Unconjugated(bs-6135R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=5.2]** Liu Fangqi. et al. Dental pulp stem cells-derived cannabidiol-treated organoid-like microspheroids show robust osteogenic potential via upregulation of WNT6. COMMUN BIOL. 2024 Aug;7(1):1-14 WB ;Human. 39122786
- **[IF=2.945]** Zhang, Zilong. et al. Circ_FBN1 promotes the proliferation and osteogenic differentiation of human bone marrow-derived mesenchymal stem cells by regulating let-7i-5p/FZD4 axis and Wnt/ β -catenin pathway. 2021 Aug 23 WB ;Human. 34424449