bs-6135R **[Primary Antibody]**

Wnt6 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 7475 **SWISS:** Q9Y6F9

Target: Wnt6

Immunogen: KLH conjugated synthetic peptide derived from human Wnt6: 281-365/365.

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: 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.

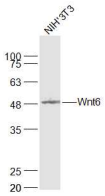
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse (predicted: Rat)

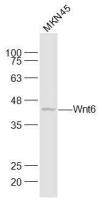
Predicted MW.: 38 kDa

Subcellular Location: Secreted ,Extracellular matrix

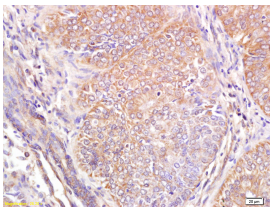
VALIDATION IMAGES



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_FBLN1 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