

WNT7B Rabbit pAb

Catalog Number: bs-6244R

Target Protein: WNT7B

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Pig, Chicken, Dog, Horse)

Predicted MW: 36 kDa

Entrez Gene: 7477

Swiss Prot: P56706

Source: KLH conjugated synthetic peptide derived from human WNT7B: 241-300/349.

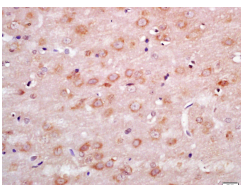
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

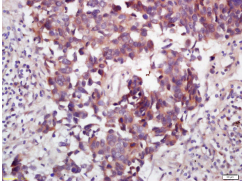
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Wnt7b is a secreted glycosylated protein that belongs to the Wnt family. Wnt proteins can be lipid modified and are ligands for members of the frizzled family of receptors, which mediate cell-cell communication during development. Wnt7b is thought to modulate several important signaling pathways in the lung which results in the coordinated proliferation of adjacent epithelial and mesenchymal cells to stimulate organ growth.

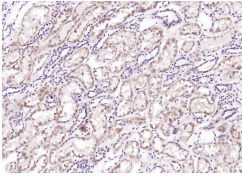
VALIDATION IMAGES



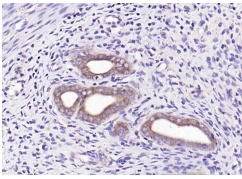
Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-WNT7B Polyclonal Antibody, Unconjugated(bs-6244R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human lung 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-WNT7B Polyclonal Antibody, Unconjugated (bs-6244R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (WNT7B) Polyclonal Antibody, Unconjugated (bs-6244R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse uterus); 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 (WNT7B) Polyclonal Antibody, Unconjugated (bs-6244R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=7.5] Yunpeng Ge. et al. Evidence for Wnt signaling's central involvement in perinatal nicotine exposure-induced offspring lung pathology and its modulation by electroacupuncture. BIOMED PHARMACOTHER. 2023 Dec;168:115824 WB ; Rat . 37925937

[IF=6.832] Wu, Haibin. et al. Dextran sulfate prevents excess aggregation of human pluripotent stem cells in 3D culture by inhibiting ICAM1 expression coupled with down-regulating E-cadherin through activating the Wnt signaling pathway. STEM CELL RES THER. 2022 Dec;13(1):1-20 WB ; Human . 35619172

[IF=3.2] Geng Yu. et al. miR-199a-5p modulates choroidal neovascularization by regulating Wnt7b/Wnt/ β -catenin signaling pathway. J MOL HISTOL. 2024 Apr;:1-12 IF ; Rat, Human . 38662168