

## Wnt 蛋白家族 7B 抗体

产品货号： mlR6244

英文名称： WNT7B

中文名称： Wnt 蛋白家族 7B 抗体

别名： Protein Wnt-7b; Wingless related MMTV integration site 7B; Wingless type MMTV integration site family member 7B; WNT7B; WNT7B\_HUMAN.

研究领域： 肿瘤 信号转导 干细胞 转录调节因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：36kDa

细胞定位：细胞外基质 分泌型蛋白

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human WNT7B:241-300/349

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed：PubMed

产品介绍：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.

**Function:**

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).

**Subunit:**

Interacts with PORCN (By similarity).

**Subcellular Location:**

Secreted, extracellular space, extracellular matrix.

**Tissue Specificity:**

Moderately expressed in fetal brain, weakly expressed in fetal lung and kidney, and faintly expressed in adult brain, lung and prostate.

**Post-translational modifications:**

Palmitoylation at Ser-206 is required for efficient binding to frizzled receptors. It is also required for subsequent palmitoylation at Cys-73. Palmitoylation is necessary for proper trafficking to cell surface (By similarity).

**Similarity:**

Belongs to the Wnt family

**SWISS:**

P56706

**Gene ID:**

7477

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

