10320 Camino Santa Fe, Suite G
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WNT2 Antibody
Rabbit mAb
Catalog # AP90339

Specification

WNT2 Antibody - Product Information

Application	**WB**
Primary Accession	P09544
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
Int 1 related protein; INT1L 1; INT1L1; IRP; IRP protein; ONCOGENE INT1 LIKE 1; Protein Wnt-2; Secreted growth factor; Wingless type MMTV integration site family member 2; WNT2;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**40418 Da**

WNT2 Antibody - Additional Information

Dilution	**WB~~1:1000**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human WNT2**
Description	**Products of the highly conserved Wnt gene family, including Wnt-1 through Wnt-10, play key roles in regulating cellular growth and differentiation. Wnt-1 is a cysteine-rich, secreted glycoprotein that associates with cell membranes and likely functions as a key regulator of cellular adhesion. Wnt-1, which is essential for normal development of the embryonic nervous system, contributes to hyperplasia and tumorigenic progression when improperly expressed in mammary tissue.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

WNT2 Antibody - Protein Information

Name WNT2

Synonyms INT1L1, IRP

Function

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Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF family (PubMed:20018874). Functions as a upstream regulator of FGF10 expression. Plays an important role in embryonic lung development. May contribute to embryonic brain development by regulating the proliferation of dopaminergic precursors and neurons (By similarity).

Cellular Location
Secreted, extracellular space, extracellular matrix. Secreted

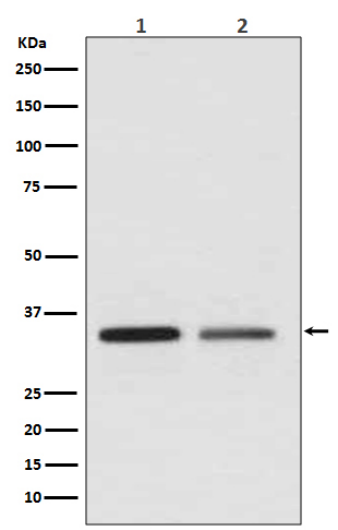
Tissue Location
Expressed in brain in the thalamus, in fetal and adult lung and in placenta.

WNT2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

WNT2 Antibody - Images



Western blot analysis of WNT2 expression in (1) Jurkat cell lysate; (2) SKBR-3 cell lysate.