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WNT2 Antibody

Rabbit mAb
Catalog # AP90339

Product Information

Application	WB
Primary Accession	P09544
Reactivity	Rat, Human, Mouse
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

Additional Information

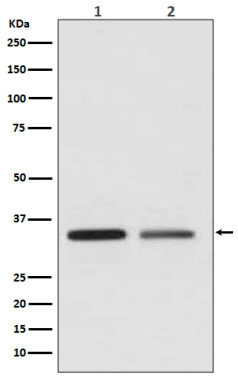
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human WNT2
Description	Products of the highly conserved Wnt gene family, including Wnt-1 through Wnt-10, play key roles in regulating cellular growth and differentiation. Wnt-1 is a cysteine-rich, 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.

Protein Information

Name	WNT2
Synonyms	INT1L1, IRP
Function	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.

Images



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

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