

Product Datasheet

WNT2 Antibody

Catalog No: CY5299

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P09544

All Names: Int 1 related protein; Int-1-like protein 1; 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; WNT 2; WNT2; WNT2_HUMAN;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

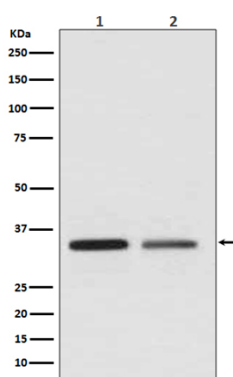
Molecular Wt.: 34 kDa

Application

WB: 1:500~1:2000

Background

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. Wnt-3 is also involved in tumorigenesis and Wnt-2 and Wnt-4 may be associated with abnormal proliferation in human breast tissue. Wnt-1, Wnt-3 and Wnt-10b have been implicated along with FGF-3 in the development of mouse mammary tumor virus induced mouse mammary carcinomas. Wnt family members have been shown to interact with Sonic hedgehog (Shh) in vivo to induce myogenesis in somatic tissue.



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

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