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# WNT2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21468c

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | P09544 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Rat, Bovine, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB49732 |
| **Calculated MW** | 40418 |

## Additional Information

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| **Gene ID** | 7472 |
| **Other Names** | Protein Wnt-2, Int-1-like protein 1, Int-1-related protein, IRP, WNT2, INT1L1, IRP |
| **Target/Specificity** | This WNT2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 254-287 amino acids from the Central region of human WNT2. |
| **Dilution** | WB~~1:2000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | WNT2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **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 |

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| | 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. |

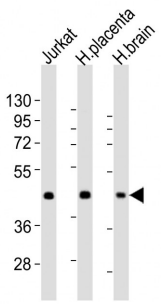
## Background

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.

## References


Wainwright B.J.,et al.EMBO J. 7:1743-1748(1988).
Farrall M.,et al.Submitted (APR-1988) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).


## Images




All lanes : Anti-WNT2 Antibody (Center) at 1:2000 dilution Lane 1: Jurkat whole cell lysates Lane 2: human placenta lysates Lane 3: human brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.