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Rabbit Anti-WNT2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52104

Specification

Rabbit Anti-WNT2 Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	P09544
Reactivity	**Human, Mouse, Rat, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40418**

Rabbit Anti-WNT2 Polyclonal Antibody - Additional Information

Gene ID 7472

Other Names
IRP; INT1L1; Protein Wnt-2; Int-1-like protein 1; Int-1-related protein; WNT2

Dilution
WB~~1:100~1:500<br \>IHC-P~~1:100~1:500

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. 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 ℃.

Rabbit Anti-WNT2 Polyclonal Antibody - 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

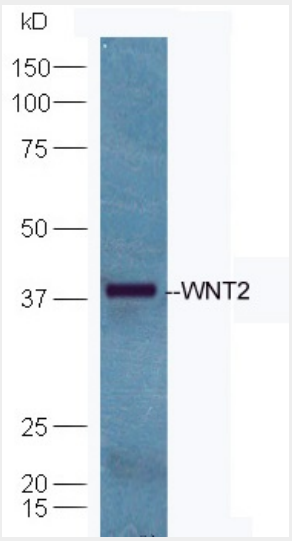
Tissue Location
Expressed in brain in the thalamus, in fetal and adult lung and in placenta.

Rabbit Anti-WNT2 Polyclonal Antibody - Protocols

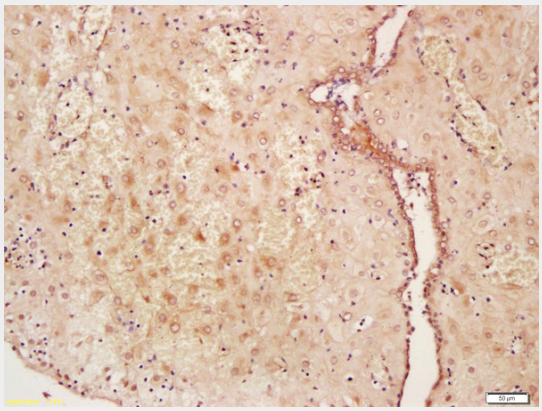
Provided below are standard protocols that you may find useful for product applications.

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

Rabbit Anti-WNT2 Polyclonal Antibody - Images



Mouse brain lysates probed with Anti-WNT2 Polyclonal Antibody, Unconjugated (AP52104) at 1:300 in 4˚C. Followed by conjugation to secondary antibody at 1:5000 90min in 37˚C.



Formalin-fixed and paraffin embedded human placenta labeled with Anti-WNT2 Polyclonal Antibody, Unconjugated (AP52104) at 1:200 followed by conjugation to the secondary antibody and DAB staining

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Rabbit Anti-WNT2 Polyclonal Antibody - 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.