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WNT1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51612

Specification

WNT1 Antibody - Product Information

Application	**WB, ICC, IHC-P, E**
Primary Accession	P04628
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**41 KDa**

WNT1 Antibody - Additional Information

Gene ID 7471

Other Names
Proto-oncogene Wnt-1, Proto-oncogene Int-1 homolog, WNT1, INT1

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

WNT1 Antibody - Protein Information

Name WNT1

Synonyms INT1

Function
Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Acts in the canonical Wnt signaling pathway by promoting beta-catenin-dependent transcriptional activation (PubMed:23499309, PubMed:23656646, PubMed:26902720, PubMed:28528193). In some developmental processes, is also a ligand for the coreceptor RYK, thus triggering Wnt signaling (By similarity). Plays an essential role in the development of the embryonic brain and central nervous system (CNS) (By similarity). Has a role in osteoblast function, bone development and bone homeostasis (PubMed:23499309, PubMed:23656646).

Cellular Location
Secreted, extracellular space, extracellular matrix. Secreted

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WNT1 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

WNT1 Antibody - Images

WNT1 Antibody - Background

Ligand for members of the frizzled family of seven transmembrane receptors. In some developmental processes, is also a ligand for the coreceptor RYK, thus triggering Wnt signaling. Probable developmental protein. May be a signaling molecule important in CNS development. Is likely to signal over only few cell diameters. Has a role in osteoblast function and bone development.

WNT1 Antibody - References

van Ooyen A.,et al.EMBO J. 4:2905-2909(1985).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Doubravska L.,et al.Cell. Signal. 23:837-848(2011).
Keupp K.,et al.Am. J. Hum. Genet. 92:565-574(2013).