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WNT1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11131

Specification

WNT1 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	P04628
Reactivity	**Human, Mouse, Rabbit, Hamster, Monkey, Pig, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**41kDa KDa**

WNT1 Antibody (Internal) - Additional Information

Gene ID 7471

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

Target/Specificity
Human WNT1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
WNT1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

WNT1 Antibody (Internal) - 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:26902720, PubMed:28528193, PubMed:23656646). 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

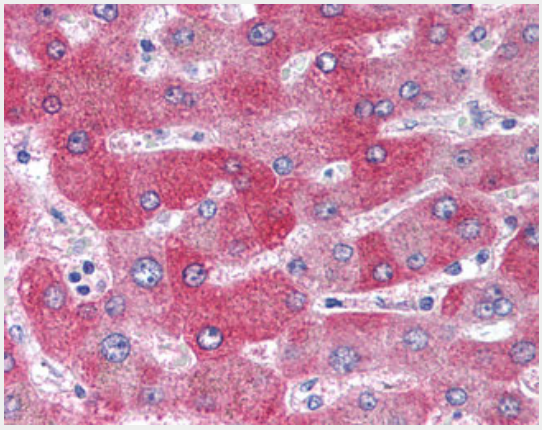
Volume
50 µl

WNT1 Antibody (Internal) - 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 (Internal) - Images



Anti-WNT1 antibody ALS11131 IHC of human liver.

WNT1 Antibody (Internal) - 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 (Internal) - References

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Doubravska L.,et al.Cell. Signal. 23:837-848(2011).

Keupp K.,et al.Am. J. Hum. Genet. 92:565-574(2013).