

WNT1 Antibody (clone 10C8)
Mouse Monoclonal Antibody
Catalog # ALS13171**Specification**

WNT1 Antibody (clone 10C8) - Product Information

Application	IF, IHC
Primary Accession	P04628
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	41kDa KDa

WNT1 Antibody (clone 10C8) - Additional Information**Gene ID** 7471**Other Names**

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

Target/Specificity

Human WNT1

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

WNT1 Antibody (clone 10C8) is for research use only and not for use in diagnostic or therapeutic procedures.

WNT1 Antibody (clone 10C8) - 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](http://www.uniprot.org/citations/23499309), PubMed: [26902720](http://www.uniprot.org/citations/26902720), PubMed: [28528193](http://www.uniprot.org/citations/28528193), PubMed: [23656646](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/23499309), PubMed: [23499309](http://www.uniprot.org/citations/23499309)).

href="http://www.uniprot.org/citations/23656646" target="_blank">23656646).

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted

Volume

50 µl

WNT1 Antibody (clone 10C8) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

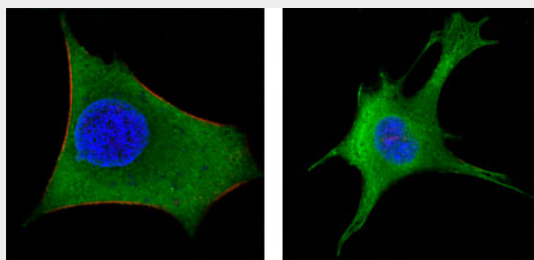
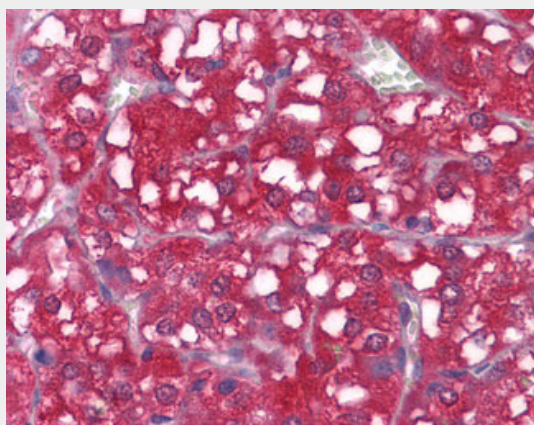
WNT1 Antibody (clone 10C8) - Images

Figure3: Confocal immunofluorescence of HeLa (left) and 3T3-L1 (right) cells using WNT1 mouse...



Anti-WNT1 antibody IHC of human adrenal.

WNT1 Antibody (clone 10C8) - 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 (clone 10C8) - 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).