

**Wnt-1 Polyclonal Antibody**  
Catalog # AP73090**Specification****Wnt-1 Polyclonal Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P04628</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**Wnt-1 Polyclonal Antibody - Additional Information****Gene ID** 7471**Other Names**

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

**Dilution**

WB~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Wnt-1 Polyclonal 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](http://www.uniprot.org/citations/23499309), PubMed: [23656646](http://www.uniprot.org/citations/23656646), PubMed: [26902720](http://www.uniprot.org/citations/26902720), PubMed: [28528193](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/23499309), PubMed: [23656646](http://www.uniprot.org/citations/23656646)).

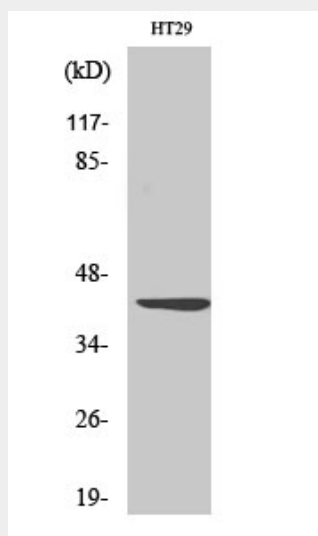
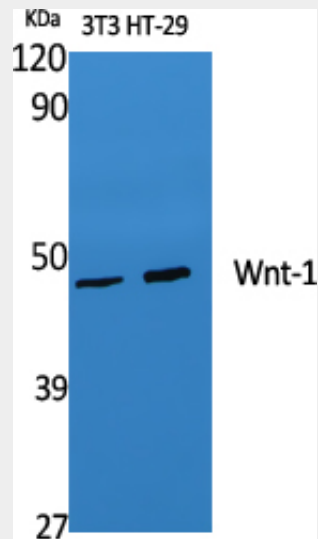
**Cellular Location**

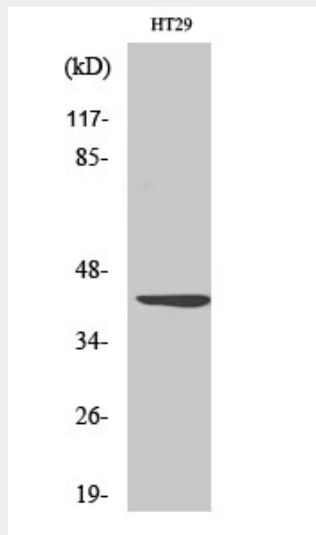
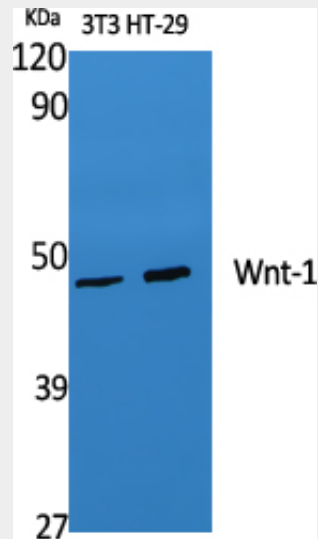
Secreted, extracellular space, extracellular matrix. Secreted

**Wnt-1 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 Cytometry](#)
- [Cell Culture](#)

**Wnt-1 Polyclonal Antibody - Images**



### Wnt-1 Polyclonal Antibody - Background

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).