

Wnt-6 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10420**Specification**

Wnt-6 Antibody - Product Information

Application	WB
Primary Accession	P22727
Other Accession	NP_033552.2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39656

Wnt-6 Antibody - Additional Information**Gene ID** 22420

Application & Usage	Western blotting (0.5-4 µg/ml), Immunohistochemistry (10-20 µg/ml). However, the optimal concentrations should be determined individually. The antibody recognizes 40-46 kDa Wnt-6 from rat origins. Reactivity to other species has not been tested.
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Other Names

wnt6, wnt 6, wnt-6, wingless-related MMTV integration site 6,

Target/Specificity

Wnt-6

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit Wnt-6 polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Wnt-6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Wnt-6 Antibody - Protein Information

Name Wnt6

Synonyms Wnt-6

Function

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.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Detected in ileum, colon and stomach (at protein level).

Wnt-6 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-6 Antibody - Images**Wnt-6 Antibody - Background**

Wnt gene family members, including Wnt-1 through Wnt-10, play a key role in regulating cellular growth and differentiation. Wnt-1 is a cysteine-rich, secreted glycoprotein that associates with cell membranes and likely functions as a key regulator of cellular adhesion. Wnt-1, which is essential for normal development of the embryonic nervous system, contributes to hyperplasia and tumorigenic progression when improperly expressed in mammary tissue. Wnt-3 is involved in tumorigenesis and Wnt-2 and Wnt-4 may be associated with abnormal proliferation in human breast tissue. Wnt-6 is involved in oncogenesis and is co-expressed with Wnt10 in colorectal cancer cell lines. The presence of cervical and breast cell carcinomas may indicate an over expression of Wnt-6.