10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Wnt6 Rabbit pAb

Catalog # AP98246

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9Y6F9
Other Accession	Q9Y6F9
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39721
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Wnt6
Epitope Specificity	281-365/365
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Wnt family.
SUBUNIT	Interacts with PORCN.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Wnt6 is a member of the WNT protein family. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt6 is overexpressed in cervical and breast cell carcinomas and is co-expressed with Wnt10a in colorectal cancer cell lines.

Additional Information

Gene ID	7475
Other Names	Wnt-6; WNT6_HUMAN; WNT6; WNT6_MOUSE; Wnt family member 6; wingless-type MMTV integration site family, member 6
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	WNT6

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. Together with CAV1 may promote chemoresistance of gastric cancer cells to DNA- damaging anthracycline drugs through the activation of the canonical Wnt receptor signaling pathway.
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Expressed in gastric cancer cell lines and gastric cancer tissues (at protein level). Detected in the apical gland region of the gastric foveolar epithelium (at protein level)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.