

WNT1

Rabbit Anti-Human Wingless-Type MMTV Integration Site Family Member 1 Affinity Purified pAb

Catalog No.	CPW100	Quantity:	100 µg
Alternate Names:	INT1		
Gene ID:	7471		
Description:	Wnt gene family members including WNT1 through WNT10, play a key role in regulating cellular growth and differentiation. WNT1 is a cysteine-rich, secreted glycoprotein that associates with cell membranes and likely functions as a key regulator of cellular adhesion. WNT1, which is essential for normal development of the embryonic nervous system, contributes to hyperplasia and tumorigenic progression when improperly expressed in mammary tissue. WNT3 is also involved in tumorigenesis and WNT2 and WNT4 may be associated with abnormal proliferation in human breast tissue. WNT1, WNT3, and WNT10b have been implicated along with FGF3 in the development of mouse mammary tumor virus induced mouse mammary carcinomas.		
Concentration:	0.5 mg/ml		
Specificity:	Recognizes 41 kDa of human WNT1		
Host:	Rabbit		
Immunogen:	Synthetic peptide surrounding amino acid 31 of human WNT1		
Formulation:	Liquid in PBS + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Biospecific affinity chromatography		
Applications:	Western Blot Immunohistochemistry		
Application Notes:	For Western Blot use, a working dilution of 0.5-4 µg/ml. For Immunohistochemistry, use a working dilution of 10-20 µg/ml. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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