

For Research Use Only

WNT6 Polyclonal antibody

Catalog Number: 24201-1-AP **6 Publications**



Basic Information

Catalog Number: 24201-1-AP	GenBank Accession Number: BC004329	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 7475	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y6F9	
Isotype: IgG	Full Name: wingless-type MMTV integration site family, member 6	
Immunogen Catalog Number: AG20889	Calculated MW: 39 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : SGC-7901 cells, IHC : mouse brain tissue, human small intestine tissue
Cited Applications: WB, IF, IHC	
Species Specificity: human, mouse	
Cited Species: human, chicken	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

WNT6 belongs to the Wnt family. It is ligand for members of the frizzled family of seven transmembrane receptors. WNT6 is likely to signal over only few cell diameters. WNT6 may be together with CAV1 to promote chemoresistance of gastric cancer cells to DNA-damaging anthracycline drugs through the activation of the canonical Wnt receptor signaling pathway. And WNT6 is mainly expressed in brain, endometrium epithelium, gastric cancer cell lines and gastric cancer tissues (PMID: 22370641).

Notable Publications

Author	Pubmed ID	Journal	Application
Haijuan Bao	36075327	Gene	WB,IHC,IF
Qin Ju He	31618077	Am J Physiol Cell Physiol	WB
Li Li	28693164	Oncol Lett	WB,IHC

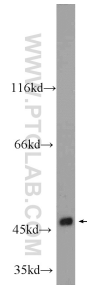
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

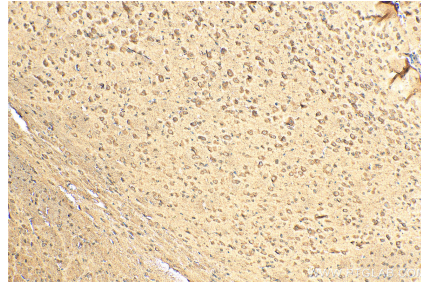
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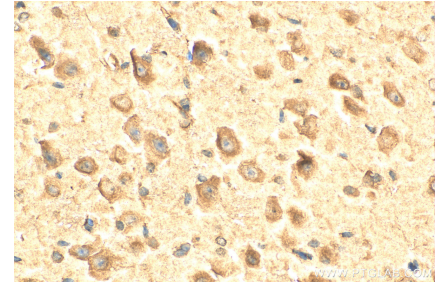
Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 24201-1-AP (WNT6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24201-1-AP (WNT6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24201-1-AP (WNT6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).