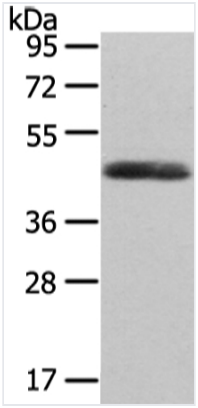
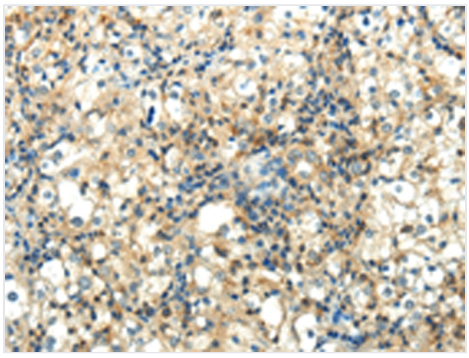
WNT2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

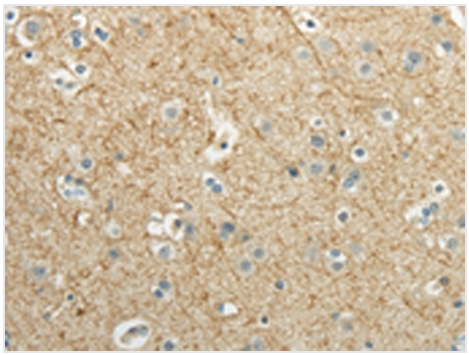
Product Name	WNT2, Polyclonal Antibody
Full Product Name	WNT2 Antibody
Product Gene Name	anti-WNT2 antibody
Product Synonym Names	IRP; INT1L1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen Affinity Purification
Concentration	2.7 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total WNT2 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	40,418 Da
OMIM	147870
3D Structure	ModBase 3D Structure for P09544
Immunogen	Synthetic peptide of human WNT2
Immunogen Type	Peptide
Product Categories/Family for anti-WNT2 antibody	Total protein Ab
Applications Tested/Suitable for anti-WNT2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-WNT2 antibody	Western Blot: 1:500-1:2000 Immunohistochemistry: 1:25-1:100
Related Product Information for anti-WNT2 antibody	This gene is a member of the WNT gene family. The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Alternatively spliced transcript variants have been identified for this gene.
Other Notes	Small volumes of anti-WNT2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for WNT2 purchase	MBS9415540 is an antibody targeting WNT2. Also known as WNT2 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-WNT2 antibody
Gel: 8%SDS-PAGE Lysate: 40 ? g Lane: Human endometrial cancer tissue Primary antibody: 1/300 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 10 seconds



Immunohistochemistry (IHC) of anti-WNT2 antibody
Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/40.



Immunohistochemistry (IHC) of anti-WNT2 antibody
Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/40.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WNT2. It may not necessarily be applicable to this product.

NCBI GI #	4507927
NCBI GeneID	7472
NCBI Accession #	NP_003382.1
UniProt Primary Accession #	P09544
UniProt Secondary Accession #	Q75N05; Q9UDP9; A4D0V1
UniProt Related Accession #	P09544
GenBank Nucleotide #	NM_003391.2
NCBI Official Full Name	protein Wnt-2
NCBI Official Synonym Full Names	Wnt family member 2
NCBI Official Symbol	WNT2
NCBI Official Synonym Symbols	IRP; INT1L1
UniProt Protein Name	Protein Wnt-2
UniProt Synonym Protein Names	Int-1-like protein 1; Int-1-related protein; IRP
UniProt Gene Name	WNT2
UniProt Synonym Gene Names	INT1L1; IRP; IRP

UniProt Entry Name	WNT2_HUMAN
NCBI Protein Information	protein Wnt-2
UniProt Comments for WNT2	WNT2: 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. Belongs to the Wnt family. Protein type: Cell adhesion; Cell development/differentiation; Extracellular matrix; Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 7q31.2 Cellular Component: cytoplasm; extracellular matrix; extracellular region; extracellular space; plasma membrane Molecular Function: cytokine activity; frizzled binding; protein binding; receptor agonist activity Biological Process: cell fate commitment; cell proliferation in midbrain; cell-cell signaling; lens development in camera-type eye; neurogenesis; neuron differentiation; positive regulation of cell proliferation; positive regulation of fibroblast proliferation; positive regulation of transcription factor activity; positive regulation of transcription from RNA polymerase II promoter; Wnt receptor signaling pathway; Wnt receptor signaling pathway through beta-catenin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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