

For Research Use Only

# WNT2 Polyclonal antibody

Catalog Number: 11160-1-AP **5 Publications**



## Basic Information

<b>Catalog Number:</b> 11160-1-AP	<b>GenBank Accession Number:</b> BC029854	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 230 µg/ml	<b>GeneID (NCBI):</b> 7472	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09544	
<b>Isotype:</b> IgG	<b>Full Name:</b> wingless-type MMTV integration site family member 2	
<b>Immunogen Catalog Number:</b> AG1641	<b>Calculated MW:</b> 40 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB, IHC

**Species Specificity:**  
human, mouse

**Cited Species:**  
human, mouse

## Background Information

Wnt2 is a secreted glycoprotein that is one of the canonical Wnt ligands. 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. Wnt2 is known to directly regulate  $\beta$ -catenin activity, the key player in proliferation and inflammation. Recently, studies have demonstrated that Wnt2 is overexpressed in various human cancers, including esophageal, gastric, colorectal, breast, lung, cervical, and malignant glioma.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yali Huang	29505605	PLoS One	WB
Yifan Chen	27129219	J Biol Chem	WB
Yu-Qiu Hao	25738917	Oncol Rep	WB

## 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

For technical support and original validation data for this product please contact:

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## Selected Validation Data