

For Research Use Only

# WNT5A/B Polyclonal antibody

Catalog Number: 29793-1-AP

4 Publications



## Basic Information

Catalog Number:

29793-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31507

GenBank Accession Number:

BC064694

GeneID (NCBI):

7474

UNIPROT ID:

P41221

Full Name:

wingless-type MMTV integration site family, member 5A

Calculated MW:

42 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, rat

Positive Controls:

WB : HUVEC cells, HeLa cells, MCF-7 cells, SKOV-3 cells

IF/ICC : HeLa cells,

## Background Information

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. There are 19 Wnt genes in the human genome that encode functionally distinct Wnt proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt members bind to the Frizzled family of seven-pass transmembrane proteins and activate several signaling pathway. Wnt5A is a member of the Wnt family of proteins, which are 38-45 kDa secreted cysteine-rich proteins with hydrophobic signal peptides.

## Notable Publications

Author	Pubmed ID	Journal	Application
Weili Wang	39896347	Noncoding RNA Res	WB,IF
Weilin Fang	38823528	Biochim Biophys Acta Mol Cell Res	WB
Yusuke Inoue	38440852	J Orthop Res	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, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

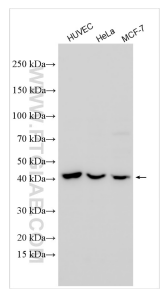
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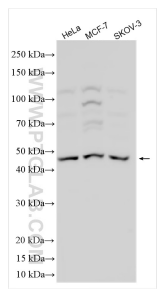
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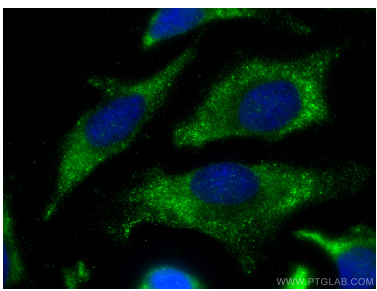
# Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29793-1-AP (WNT5A/B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 29793-1-AP (WNT5A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using WNT5A antibody (29793-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).