

For Research Use Only

# WNT5A/B Polyclonal antibody, PBS Only

Catalog Number: 29793-1-PBS



## Basic Information

Catalog Number:

29793-1-PBS

Concentration:

1 mg/ml

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

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

## 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.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only

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

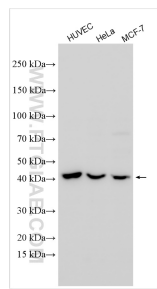
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

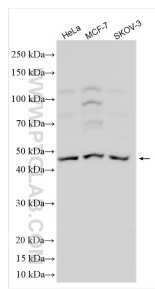
W: [ptgcn.com](http://ptgcn.com)

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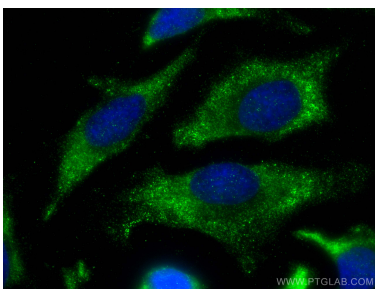
## Selected Validation Data



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. This data was developed using the same antibody clone with 29793-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 29793-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 29793-1-PBS in a different storage buffer formulation.