Product Datasheet

# WNT5A Rabbit Polyclonal Antibody

Catalog No: #53430

Package Size: #53430-1 50ul #53430-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

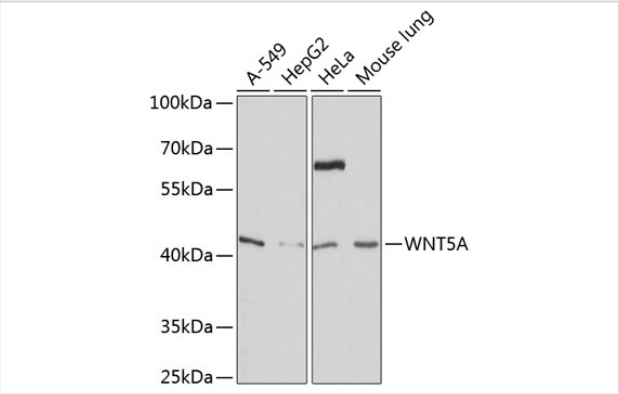
## Description

| | |
|---|---|
| Product Name | WNT5A Rabbit Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB;IHC;IF |
| Species Reactivity | Human;Mouse;Rat |
| Immunogen Description | A synthetic peptide of human WNT5A (NP_003383.2). |
| Conjugates | Unconjugated |
| Other Names | hWNT5A;Wnt5a;WNT5A |
| Accession No. | Swiss Prot:P41221GeneID:7474 |
| Calculated MW | 40kDa/42kDa |
| SDS-PAGE MW | 42kDa |
| Formulation | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |

## Application Details

WB: 1:500 - 1:1000 IHC: 1:100 - 1:500 IF: 1:50 - 1:200

## Images




Western blot analysis of extracts of various cell lines, using WNT5A at 1:3000 dilution.

## Background

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. This gene encodes a member of the WNT family that signals through both the canonical and non-canonical WNT pathways. This protein is a ligand for the seven transmembrane receptor frizzled-5 and the tyrosine kinase orphan receptor 2. This protein plays an essential role in regulating developmental

pathways during embryogenesis. This protein may also play a role in oncogenesis. Mutations in this gene are the cause of autosomal dominant Robinow syndrome. Alternate splicing results in multiple transcript variants.

## Published Papers

ZONG Mengyao;JIAN Xun;WANG Danyang;XU Yannan;ZHENG Xinrui;XING Feifei;CHEN Gaofeng;CHEN Jiamei;LIU Ping;MU Yongping;Zong Mengyao;Jian Xun;Wang Danyang;Xu Yannan;Zheng Xinrui;Xing Feifei;Chen Gaofeng;Chen Jiamei;Liu Ping;Mu Yongping el at., Effect of Yiguan Decoction on the efficacy of M1 bone marrow-derived macrophages in treatment of liver cirrhosis rats and its mechanism, , (2024)

PMID: