

**Product Name: Wnt5a Rabbit Polyclonal Antibody**  
**Catalog #: APRab00192**



## Summary

<b>Production Name</b>	Wnt5a Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, ICC/IF, FC
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

## Immunogen

<b>Gene Name</b>	WNT5A
<b>Alternative Names</b>	WNT5A; Protein Wnt-5a
<b>Gene ID</b>	7474
<b>SwissProt ID</b>	P41221.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IF: 1:50-1:200 FC: 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 42 kDa; Observed MW: 42 kDa

## Background

Ligand for members of the frizzled family of seven transmembrane receptors. Can activate or inhibit canonical Wnt

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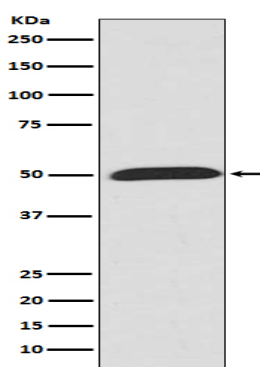


signaling, depending on receptor context. In the presence of FZD4, activates beta-catenin signaling. In the presence of ROR2, inhibits the canonical Wnt pathway by promoting beta-catenin degradation through a GSK3-independent pathway which involves down-regulation of beta-catenin-induced reporter gene expression.

## Research Area

Neuroscience

## Image Data



Western blot analysis of Wnt5a in HeLa lysates using Wnt5a antibody.

## Note

For research use only.