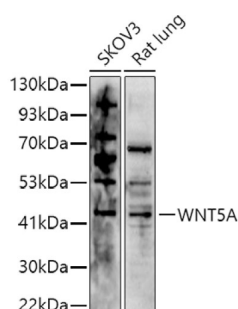
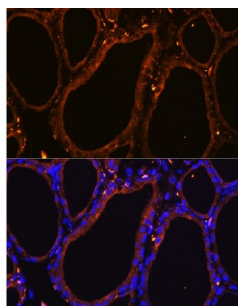


## Protein Wnt-5a (Wnt5a) Antibody

Catalogue No.: abx001745



Western blot analysis of extracts of various cell lines using Antibody (1/1000 dilution).



Immunofluorescence analysis of PC-12 cells using WNT5A Antibody (1/50 dilution, 40x lens).  
Blue: DAPI for nuclear staining.

Wnt5a Antibody is a Rabbit Polyclonal antibody against Wnt5a. 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.

**Target:** Protein Wnt-5a (Wnt5a)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** WB, IF/ICC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human WNT5A

# Datasheet

Version: 4.0.0  
Revision date: 20 Jul 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P41221 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
Gene Symbol:	WNT5A
GeneID:	<a href="#">7474</a>
NCBI Accession:	NP_003383.2
KEGG:	hsa:7474
String:	<a href="#">9606.ENSP00000264634</a>
Molecular Weight:	Calculated MW: 40 kDa/42 kDa Observed MW: 45 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.