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## anti-WNT5A antibody (AA 101-380)

2 Images



Go to Product page

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Characteristics:

Purification:

Quantity:	100 μL		
Target:	WNT5A		
Binding Specificity:	AA 101-380		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This WNT5A antibody is un-conjugated		
Application:	Western Blotting (WB)		
Product Details			
Product Details Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 101-380 of		
	Recombinant fusion protein containing a sequence corresponding to amino acids 101-380 of human WNT5A (NP_003383.2).		
Immunogen:	human WNT5A (NP_003383.2).		
Immunogen:	human WNT5A (NP_003383.2).  IKECQYQFRH RRWNCSTVDN TSVFGRVMQI GSRETAFTYA VSAAGVVNAM SRACREGELS		
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Immunogen:	human WNT5A (NP_003383.2).  IKECQYQFRH RRWNCSTVDN TSVFGRVMQI GSRETAFTYA VSAAGVVNAM SRACREGELS  TCGCSRAARP KDLPRDWLWG GCGDNIDYGY RFAKEFVDAR ERERIHAKGS YESARILMNL  HNNEAGRRTV YNLADVACKC HGVSGSCSLK TCWLQLADFR KVGDALKEKY DSAAAMRLNS		
Immunogen:	human WNT5A (NP_003383.2).  IKECQYQFRH RRWNCSTVDN TSVFGRVMQI GSRETAFTYA VSAAGVVNAM SRACREGELS TCGCSRAARP KDLPRDWLWG GCGDNIDYGY RFAKEFVDAR ERERIHAKGS YESARILMNL HNNEAGRRTV YNLADVACKC HGVSGSCSLK TCWLQLADFR KVGDALKEKY DSAAAMRLNS RGKLVQVNSR FNSPTTQDLV YIDPSPDYCV RNESTGSLGT QGRLCNKTSE GMDGCELMCC		

Polyclonal Antibodies

Affinity purification

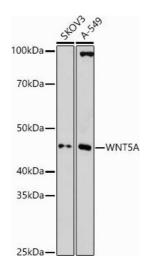
### **Target Details**

Target Details			
Target:	WNT5A		
Alternative Name:	WNT5A (WNT5A Products)		
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.,hWNT5A,Wnt5a,WNT5A,Epigenetics &		
	Nuclear Signaling, Translation Control, Regulation of eIF4 and p70 S6 Kinase, Cancer, Tumor		
	suppressors,Signal Transduction,G protein signaling,mTOR Signaling Pathway,Cell Biology &		
	Developmental Biology,Microtubules,Wnt/β-Catenin Signaling Pathway,ESC Pluripotency and		
	Differentiation,Neuroscience,Stem Cells,WNT5A		
Molecular Weight:	40 kDa/42 kDa		
Gene ID:	7474		
UniProt:	P41221		
Pathways:	WNT Signaling, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of		
	Immune Effector Process, Production of Molecular Mediator of Immune Response, Regulation		
	of Cell Size, Tube Formation		
Application Details			
Application Notes:	WB,1:500 - 1:2000		
Restrictions:	For Research Use only		
Handling			
	l ::J		
Format:	Liquid		
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		

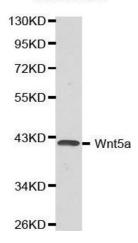
#### Handling

	should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

#### **Images**



#### Mouse heart



#### **Western Blotting**

Image 1. Western blot analysis of extracts of various cell lines, using WNT5A antibody (ABIN3023002, ABIN3023003, ABIN3023004 and ABIN6219340) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.

#### **Western Blotting**

Image 2.