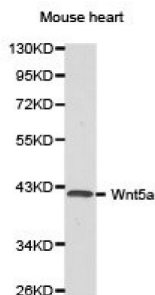


## Protein Wnt-5a (WNT5A) Antibody

Catalogue No.: abx117221



WB analysis of mouse heart tissue.

WNT5A Antibody is a Rabbit Polyclonal antibody against WNT5A. The Wnt family includes several secreted glycoproteins that play important roles in animal development. There are 19 Wnt genes in the human genome that encode functionally distinct Wnt proteins. Wnt members bind to the Frizzled family of seven-pass transmembrane proteins and activate several signaling pathways. The canonical Wnt/ $\beta$ -catenin pathway also requires a coreceptor from the low-density lipoprotein receptor family. Aberrant activation of Wnt signaling pathways is involved in several types of cancers. Wnt-5a has been shown to signal through the canonical Wnt pathways as well as through non-canonical pathways and is up-regulated in various types of human cancers. In melanoma, WNT5A is thought to directly affect cell motility and metastasis.

**Target:** Protein Wnt-5a (WNT5A)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

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

**Conjugation:** Unconjugated

**Immunogen:** Recombinant protein corresponding to Human WNT5A

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

# Datasheet

Version: 4.0.0  
Revision date: 27 Jul 2025



**UniProt Primary AC:** P41221 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** WNT5A

**GeneID:** [7474](#)

**OMIM:** [164975](#)

**KEGG:** hsa:7474

**String:** [9606.ENSP00000264634](#)

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide and 50% glycerol.

**Concentration:** 0.4 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.

For Reference Only