

## WNT5A

**Reactivity:** Mouse

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:1000

**Calculated MW:** 42kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human WNT5A

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

hWNT5A;

**Catalog #:** A2467

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 7474

**Isotype:** IgG

**Swiss Prot:** P41221

**Purity:** Affinity purification

For research use only.

**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.

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