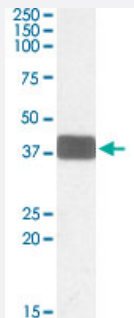


# WNT9B polyclonal antibody

Catalog # PAB16632      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

WNT9B polyclonal antibody (Cat # PAB16632) (0.3 ug/mL) staining of human brain cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of WNT9B.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human WNT9B.
<b>Sequence</b>	C-KRGNKDLRARADA
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	39
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:8000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

WNT9B polyclonal antibody (Cat # PAB16632) (0.3 ug/mL) staining of human brain cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — WNT9B

**Entrez GeneID**[7484](#)**Protein Accession#**[NP\\_003387.1](#)**Gene Name**

WNT9B

**Gene Alias**

WNT14B, WNT15

**Gene Description**

wingless-type MMTV integration site family, member 9B

**Omim ID**[602864](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The WNT gene family consists of structurally related genes that 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 is a member of the WNT gene family. Study of its expression in the teratocarcinoma cell line NT2 suggests that it may be implicated in the early process of neuronal differentiation of NT2 cells induced by retinoic acid. This gene is clustered with WNT3, another family member, in the chromosome 17q21 region. [provided by RefSeq]

**Other Designations**

wingless-type MMTV integration site family, member 15

## Publication Reference

- [Variation in WNT genes is associated with non-syndromic cleft lip with or without cleft palate.](#)

Chiquet BT, Blanton SH, Burt A, Ma D, Stal S, Mulliken JB, Hecht JT.

Human Molecular Genetics 2008 Jul; 17(14):2212.

## Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

## Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)