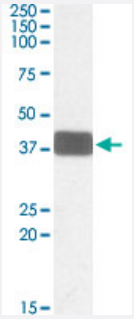
WNT9B polyclonal antibody

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

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

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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 shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- 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.

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 protein s. 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 th e WNT gene family. Study of its expression in the teratocarcinoma cell line NT2 suggests that it m ay be implicated in the early process of neuronal differentiation of NT2 cells induced by retinoic ac id. 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

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- 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

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