10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

WNT15 / WNT9B Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2974a

Specification

WNT15 / WNT9B Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	O14905
Other Accession	NP_003387.1, 7484, 22412 (mouse), 303586 (rat)
Reactivity	**Human, Mouse**
Predicted	**Rat**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**39001**

WNT15 / WNT9B Antibody (internal region) - Additional Information

Gene ID 7484

Other Names
Protein Wnt-9b, Protein Wnt-14b, Protein Wnt-15, WNT9B, WNT14B, WNT15

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
WNT15 / WNT9B Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

WNT15 / WNT9B Antibody (internal region) - Protein Information

Name WNT9B

Synonyms WNT14B {ECO:0000303|PubMed:11604992}, WN

Function
Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Functions in the canonical Wnt/beta-catenin signaling pathway. Required for normal embryonic kidney development, and for normal development of the urogenital tract, including uterus and part of the oviduct and the upper vagina in females, and epididymis and vas deferens in males. Activates a

signaling cascade in the metanephric mesenchyme that induces tubulogenesis. Acts upstream of WNT4 in the signaling pathways that mediate development of kidney tubules and the Muellerian ducts. Plays a role in cranofacial development and is required for normal fusion of the palate during embryonic development (By similarity).

Cellular Location
Secreted, extracellular space, extracellular matrix. Secreted

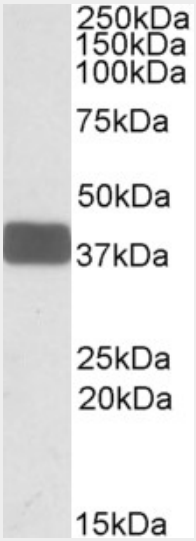
Tissue Location
Moderately expressed in fetal kidney and adult kidney. Also found in brain

WNT15 / WNT9B Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

WNT15 / WNT9B Antibody (internal region) - Images



AF2974a (0.3 µg/ml) staining of Human Brain Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

WNT15 / WNT9B Antibody (internal region) - References

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. Hum Mol Genet. 2008 Jul 15;17(14):2212-8. Epub 2008 Apr 14. PMID: 18413325