

Datasheet for ABIN2776703
anti-WNT9B antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	WNT9B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Cow, Rabbit, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT9B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human WNT9B
Sequence:	CTCDDSPGLE SRQAWQWGVC GDNLYSTKF LSNFLGSKRG NKDLRARADA
Predicted Reactivity:	Cow: 85%, Dog: 86%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against WNT9B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	WNT9B
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Target Details

Alternative Name:	WNT9B (WNT9B Products)
Background:	<p>WNT9B is a ligand for members of the frizzled family of seven transmembrane receptors. WNT9B is a probable developmental protein. WNT9B may be a signaling molecule which affects the development of discrete regions of tissues. WNT9B is likely to signal over only few cell diameters. 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.</p> <p>Alias Symbols: WNT14B, WNT15</p> <p>Protein Interaction Partner: MGMT,</p> <p>Protein Size: 357</p>
Molecular Weight:	37 kDa
Gene ID:	7484
NCBI Accession:	NM_003396 , NP_003387
UniProt:	O14905
Pathways:	WNT Signaling , Tube Formation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 357 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

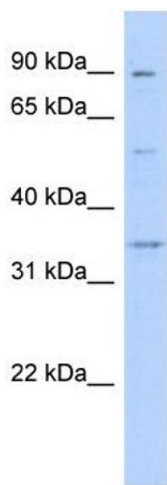
Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Mitkus, Hyde, Vakkalanka, Kolachana, Weinberger, Kleinman, Lipska: "Expression of oligodendrocyte-associated genes in dorsolateral prefrontal cortex of patients with schizophrenia." in: Schizophrenia research , Vol. 98, Issue 1-3, pp. 129-38, (2007) (PubMed).
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Validation report #101227 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-WNT9B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T