Datasheet for ABIN2776704

anti-WNT9B antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	WNT9B
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT9B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human WNT9B
Sequence:	FRETGQVLKL RYDSAVKVSS ATNEALGRLE LWAPARQGSL TKGLAPRSGD
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against WNT9B. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	WNT9B

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Target Details

Alternative Name:	WNT9B (WNT9B Products)
Background:	WNT9B is a member of the WNT family. They are secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis.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. Alias Symbols: WNT15, WNT14B Protein Interaction Partner: MGMT, Protein Size: 357
Molecular Weight:	39 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

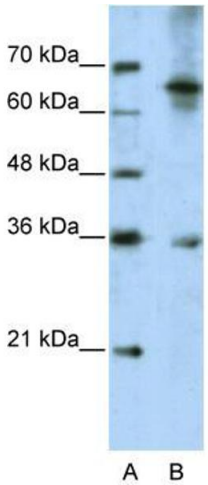
Handling

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
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

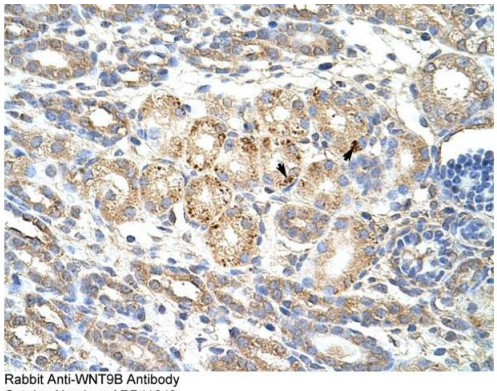
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #101227 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-WNT9B Antibody Titration: 5.0ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate



Rabbit Anti-WNT9B Antibody
Catalog Number: ARP41243
Lot Number: QC9968
Paraffin Embeded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Rabbit Anti-WNT9B Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X