

Datasheet for ABIN2776710

## anti-WNT2B antibody (Middle Region)



[Go to Product page](#)

3 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	WNT2B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human WNT2B
Sequence:	LRTCWRALSD FRRTGDYLRR RYDGAVQVMA TQDGANFTAA RQGYRRATRT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against WNT2B. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

### Target Details

Target:	WNT2B
---------	-------

## Target Details

Alternative Name:	WNT2B ( <a href="#">WNT2B Products</a> )
Background:	<p>WNT2B is a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as human carcinogenesis. This gene produces two alternative transcript variants. This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as human carcinogenesis. This gene produces two alternative transcript variants.</p> <p>Alias Symbols: WNT13, XWNT2</p> <p>Protein Interaction Partner: RAD21, BRCA1,</p> <p>Protein Size: 372</p>
Molecular Weight:	41 kDa
Gene ID:	7482
NCBI Accession:	<a href="#">NM_004185</a> , <a href="#">NP_004176</a>
UniProt:	<a href="#">Q5T6U1</a>
Pathways:	<a href="#">WNT Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 372 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

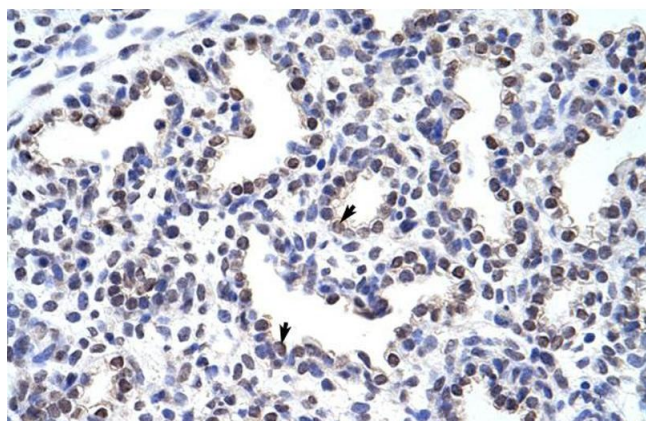
## Handling

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

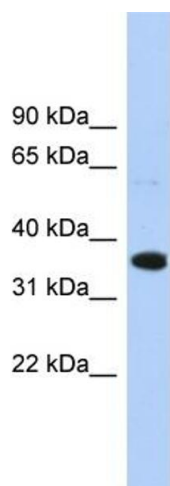
Product cited in:	Chigita, Sugiura, Abe, Kobayashi, Shimoda, Onoda, Shirasuna: "CD82 inhibits canonical Wnt signalling by controlling the cellular distribution of $\beta$ -catenin in carcinoma cells." in: <b>International journal of oncology</b> , Vol. 41, Issue 6, pp. 2021-8, (2012) ( <a href="#">PubMed</a> ).
-------------------	---

## Images



### Immunohistochemistry

**Image 1.** Rabbit Anti-WNT2B Antibody Catalog Number: ARP41254 Paraffin Embedded Tissue: Human Lung Cellular Data: Alveolar cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



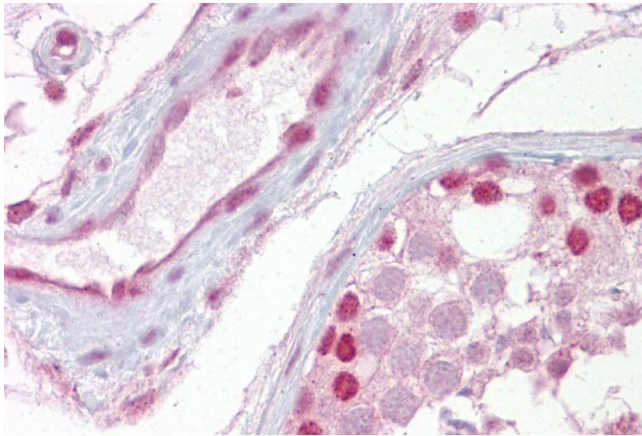
90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_

Rabbit Anti-WNT2B Antibody  
Catalog Number: ARP41254  
Lot Number: QC10012  
Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

### Western Blotting

**Image 2.** WB Suggested Antibody Titration: 1.0ug/ml  
Positive Control: HepG2



#### Immunohistochemistry

**Image 3.** Human Testis