

Datasheet for ABIN2776726  
**anti-WNT5B antibody (C-Term)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	WNT5B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT5B antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human WNT5B
Sequence:	GRLCNKTSEG MDGCELMCCG RGYNQFKSVQ VERCHCKFHW CCFVRCKKCT
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against WNT5B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	WNT5B
---------	-------

## Target Details

Alternative Name:	WNT5B ( <a href="#">WNT5B Products</a> )
Background:	<p>The WNT gene family consists of structurally related genes which 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. WNT5B gene is a member of the WNT gene family. WNT5B shows 94 % and 80 % amino acid identity to the mouse Wnt5b protein and the human WNT5A protein. The WNT gene family consists of structurally related genes which 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. It encodes a protein which shows 94 % and 80 % amino acid identity to the mouse Wnt5b protein and the human WNT5A protein, respectively. Alternative splicing of this gene generates 2 transcript variants.</p> <p>Protein Interaction Partner: UBC, PORCN, APPBP2,</p> <p>Protein Size: 359</p>
Molecular Weight:	39 kDa
Gene ID:	81029
NCBI Accession:	<a href="#">NM_032642</a> , <a href="#">NP_116031</a>
UniProt:	<a href="#">Q9H1J7</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Embryonic Body Morphogenesis</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 359 AA
Restrictions:	For Research Use only

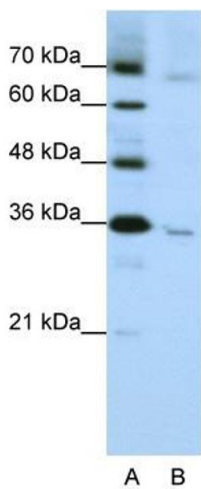
## Handling

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.

## Images



**Western Blotting**

**Image 1.** WB Suggested Anti-WNT5B Antibody Titration:  
1.25ug/ml Positive Control: HepG2 cell lysate