

Datasheet for ABIN3042337  
**anti-WNT2B antibody (N-Term)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	WNT2B
Binding Specificity:	AA 87-112, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Protein Wnt-2b(WNT2B) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human Wnt2b (87-112 aa QRYPDIMRSVGEAREWIRECQHQR), identical to the related mouse and rat sequences.
Sequence:	QRYPDIMRSV GEGAREWIRE CQHQR
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Protein Wnt-2b(WNT2B) detection. Tested with WB, IHC-P in Human,Mouse,Rat.</p> <p>Gene Name: wingless-type MMTV integration site family, member 2B</p> <p>Protein Name: Protein Wnt-2b</p>
Purification:	Immunogen affinity purified.

## Target Details

Target:	WNT2B
Alternative Name:	WNT2B ( <a href="#">WNT2B Products</a> )
Background:	<p>WNT2B (Wingless-Type MMTV Integration Site Family Member 2B), is a protein that in humans is encoded by the WNT2B gene. This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. Katoh et al. (1996) used fluorescence in situ hybridization to map the WNT13 gene to chromosome 1p13. 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.</p> <p>Synonyms: Protein Wnt-13 antibody Protein Wnt-2b antibody Wingless type MMTV integration site family, member 13 antibody Wingless type MMTV integration site family, member 2B antibody WNT13 antibody Wnt2b antibody WNT2B_HUMAN antibody XWNT2 antibody XWNT2, Xenopus, homolog of antibody</p>
Gene ID:	7482
UniProt:	<a href="#">Q93097</a>
Pathways:	<a href="#">WNT Signaling</a>

## Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, The detection limit for Wnt2b is approximately 0.1 ng/lane under reducing conditions.</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
---------	-------------

## Handling

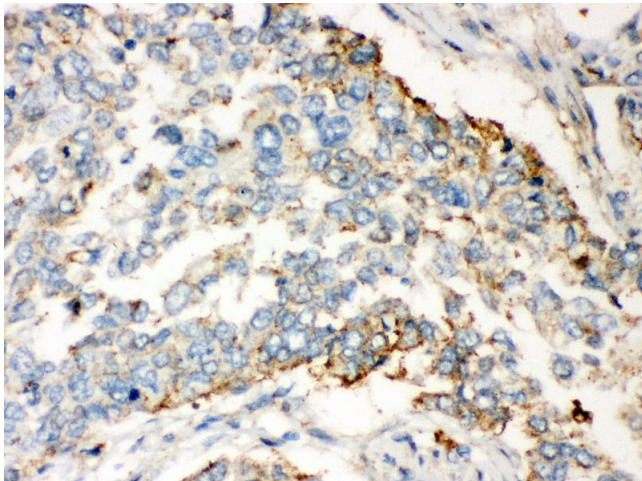
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

## Images



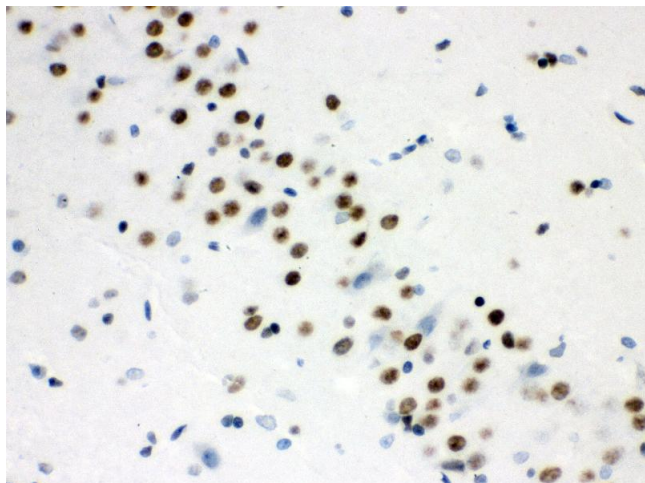
### Western Blotting

**Image 1.**



### Immunohistochemistry

**Image 2.** Anti- WNT2B Picoband antibody, IHC(P) IHC(P):  
Human Lung Cancer Tissue



#### Immunohistochemistry

**Image 3.** Anti- WNT2B Picoband antibody, IHC(P) IHC(P):  
Rat Brain Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3042337.