

## ARG59244 anti-Wnt2b antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Wnt2b
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Rb
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Wnt2b
Species	Human
Immunogen	Synthetic peptide around the middle region of Human Wnt2b. (within the following region: LRTCWRALSDFRRTGDYLRRRYDGAVQVMATQDGANFTAARQGYRRATRT)
Conjugation	Un-conjugated
Alternate Names	Protein Wnt-13; WNT13; Protein Wnt-2b

### Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%						
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>IHC-P</td><td>4 - 8 µg/ml</td></tr> <tr> <td>WB</td><td>1 µg/ml</td></tr> </table>	Application	Dilution	IHC-P	4 - 8 µg/ml	WB	1 µg/ml
Application	Dilution						
IHC-P	4 - 8 µg/ml						
WB	1 µg/ml						
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						
Positive Control	HepG2						
Observed Size	37 kDa						

### Properties

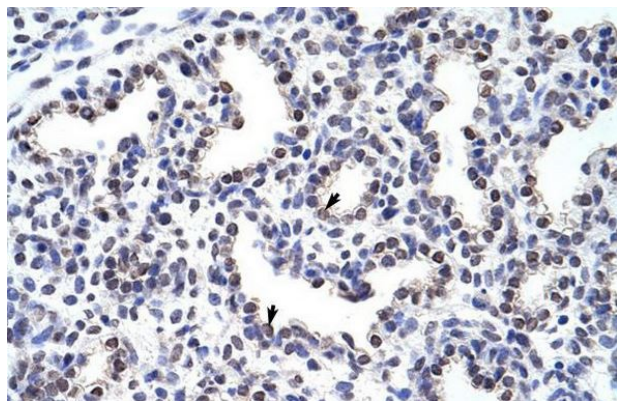
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose

Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

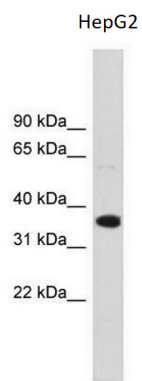
Gene Symbol	WNT2B
Gene Full Name	wingless-type MMTV integration site family, member 2B
Background	This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including 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 carcinogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]
Function	Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters. May be involved in normal development or differentiation as well as in carcinogenesis. [UniProt]
Calculated Mw	44 kDa
PTM	Palmitoleylation is required for efficient binding to frizzled receptors. Depalmitoleylation leads to Wnt signaling pathway inhibition. [UniProt]
Cellular Localization	Secreted, extracellular space, extracellular matrix. Secreted. [UniProt]

## Images



ARG59244 anti-Wnt2b antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung stained with ARG59244 anti-Wnt2b antibody at 4.0 - 8.0 µg/ml dilution. Magnification: 400X.



#### ARG59244 anti-Wnt2b antibody WB image

Western blot: HepG2 cell lysate stained with ARG59244 anti-Wnt2b antibody at 1.0  $\mu\text{g}/\text{ml}$  dilution.