

ARG56400 anti-Wnt5b antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Wnt5b
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Wnt5b
Species	Human
Immunogen	Recombinant protein of Human WNT5B
Conjugation	Un-conjugated
Alternate Names	Protein Wnt-5b

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SH-SY5Y	

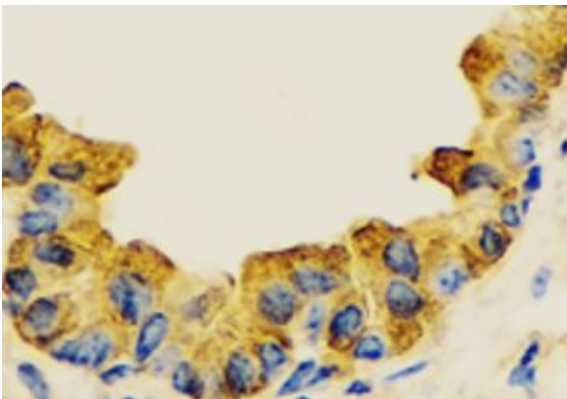
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% sodium azide
Stabilizer	50% Glycerol
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. 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

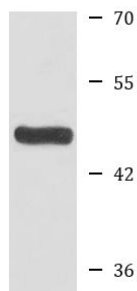
Database links	GeneID: 22419 Mouse GeneID: 81029 Human Swiss-port # P22726 Mouse Swiss-port # Q9H1J7 Human
Gene Symbol	WNT5B
Gene Full Name	wingless-type MMTV integration site family, member 5B
Background	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. 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. [provided by RefSeq, Jul 2008]
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 (By similarity). [UniProt]
Calculated Mw	40 kDa
PTM	Palmitoylation is required for efficient binding to frizzled receptors. Depalmitoylation leads to Wnt signaling pathway inhibition.

Images



ARG56400 anti-Wnt5b antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse lung stained with ARG56400 anti-Wnt5b antibody at 1:100 dilution.



SH-SY5Y

ARG56400 anti-Wnt5b antibody WB image

Western blot: SH-SY5Y cell lysate stained with ARG56400 anti-Wnt5b antibody.