

ARG59218 anti-Wnt2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Wnt2
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Wnt2
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 56-81 of Human Wnt2. (HRHPDVMRAISQGVAEWTAECQHQFR)
Conjugation	Un-conjugated
Alternate Names	IRP; Int-1-related protein; INT1L1; Protein Wnt-2; Int-1-like protein 1

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

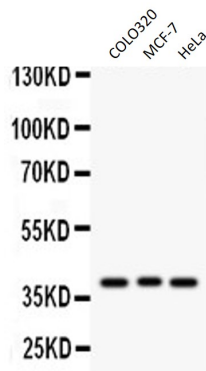
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 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	WNT2
Gene Full Name	wingless-type MMTV integration site family member 2
Background	This gene is a member of the WNT gene family. 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. Alternatively spliced transcript variants have been identified for this gene. [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. [UniProt]
Calculated Mw	40 kDa
PTM	Palmitoylation is required for efficient binding to frizzled receptors. Depalmitoylation leads to Wnt signaling pathway inhibition. [UniProt]
Cellular Localization	Secreted, extracellular space, extracellular matrix. Secreted. [UniProt]

Images



ARG59218 anti-Wnt2 antibody WB image

Western blot: 40 µg of COLO320, MCF-7 and HeLa whole cell lysates stained with ARG59218 anti-Wnt2 antibody at 0.5 µg/ml dilution.