

## WNT3A/WNT3 Antibody

Catalog No: #48348

Package Size: #48348-1 50ul #48348-2 100ul

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## Description

Product Name	WNT3A/WNT3 Antibody
Host Species	Goat
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	peptide
Other Names	Int 4 antibody INT4 antibody MGC131950 antibody MGC138321 antibody MGC138323 antibody Proto-oncogene Int-4 homolog antibody Proto-oncogene Wnt-3 antibody wingless type MMTV integration site family member 3 antibody Wnt 3 proto oncogene protein antibody WNT 3 proto oncogene protein precursor antibody wnt3 antibody WNT3_HUMAN antibody
Accession No.	Swiss-Prot#:P56703
Uniprot	P56703
GeneID	7473;
Calculated MW	39 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:100-1:1,000

## Background

The Wnt gene family encodes secreted signaling molecules that bind to frizzled receptors and influence oncogenesis and developmental processes, including regulation of cell fate and patterning during embryogenesis. The Wnt family has two functional classes according to their biological activities; Wnts that signal through a Wnt-1/wingless pathway by stabilizing cytoplasmic  $\beta$ -catenin, and Wnts that stimulate intracellular  $\text{Ca}^{2+}$  release and activate two kinases, CamKII and PKC, in a G protein-dependent manner. Wnt-3 is present during development of the cerebellum and is restricted to the Purkinje cell layer in the adult. In motoneurons, Wnt-3 is a retrograde signal that controls terminal branching of muscle afferents. Human Wnt-3 is 98% homologous to mouse Wnt-3 protein and 84% homologous to human Wnt-3a protein. The human Wnt-3 gene clusters with the Wnt-15 gene at chromosome 17q21.31.

## References

Note: This product is for in vitro research use only