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Anti-Wnt3 Antibody

Mouse Monoclonal Antibody
Catalog # AP53437

Product Information

Application	WB
Primary Accession	P56703
Other Accession	NM_030753
Reactivity	Transfected
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Immunogen	Purified recombinant human Wnt3 protein fragments expressed in E.coli.
Purification	Affinity purified
Calculated MW	39645

Additional Information

Gene ID	7473
Other Names	Int 4;INT4;MGC131950;MGC138321;MGC138323;Proto-oncogene Int-4 homolog;Proto-oncogene Wnt-3;wingless type MMTV integration site family member 3;Wnt 3 proto oncogene protein;WNT 3 proto oncogene protein precursor;wnt3;WNT3_HUMAN.
Dilution	WB~~1:1000
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	WNT3
Synonyms	INT4
Function	Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF family (PubMed:26902720). Required for normal gastrulation, formation of the primitive streak, and for the formation of the mesoderm during early embryogenesis. Required for normal formation of the apical ectodermal ridge (By similarity). Required for normal embryonic development, and especially

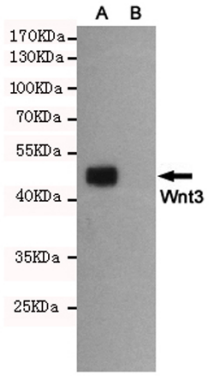
for limb development (PubMed:14872406).

Cellular Location Secreted, extracellular space, extracellular matrix. Secreted

Background

Ligand for members of the frizzled family of seven transmembrane receptors. Wnt-3 and Wnt-3a play distinct roles in cell-cell signaling during morphogenesis of the developing neural tube.

Images



Western blot detection of Wnt3 in CHO-K1 cell lysate (B) and CHO-K1 transfected by Wnt3 (A) cell lysate using Wnt3 mouse mAb (1:1000 diluted).Predicted band size: 40KDa.Observed band size:45KDa.

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