

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

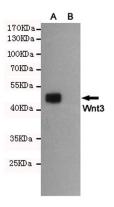
embryogenesis. Required for normal formation of the apical ectodermal ridge (By similarity). Required for normal embryonic development, and especially

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.