

Anti-Wnt3 Antibody
Mouse Monoclonal Antibody
Catalog # AP53437**Specification**

Anti-Wnt3 Antibody - 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	40 KDa

Anti-Wnt3 Antibody - 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

PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-Wnt3 Antibody - 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

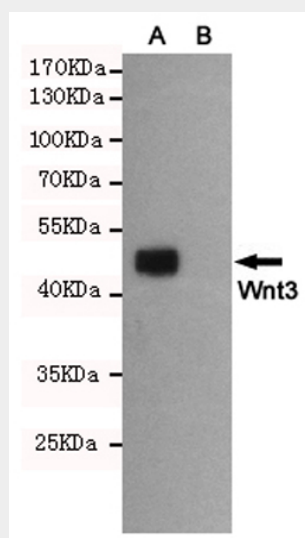
Secreted, extracellular space, extracellular matrix. Secreted

Anti-Wnt3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Wnt3 Antibody - 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.

Anti-Wnt3 Antibody - 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.