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Anti-Wnt3a Antibody
Mouse Anti Human Monoclonal Antibody
Catalog # AP53397

Specification

Anti-Wnt3a Antibody - Product Information

Application	**WB**
Primary Accession	P56704
Other Accession	NM_033131
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Immunogen	**Purified recombinant Wnt3a protein fragments expressed in E.coli.**
Purification	**Affinity purified**
Calculated MW	**42 KDa**

Anti-Wnt3a Antibody - Additional Information

Gene ID 89780

Other Names
MGC119418 ;MGC119419 ;MGC119420 ;Protein Wnt 3a Precursor ;Protein Wnt-3a ;Wingless type MMTV integration site family member 3A ;Wnt 3a ;wnt3a ;WNT3A protein ;WNT3A_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-Wnt3a Antibody - Protein Information

Name WNT3A

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:20093360, PubMed:21244856, PubMed:24841207, PubMed:26902720). Required for normal embryonic mesoderm development and formation of caudal somites. Required for normal morphogenesis of the developing neural tube

(By similarity). Mediates self-renewal of the stem cells at the bottom on intestinal crypts (in vitro) (PubMed:26902720).

Cellular Location
Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P27467}. Secreted

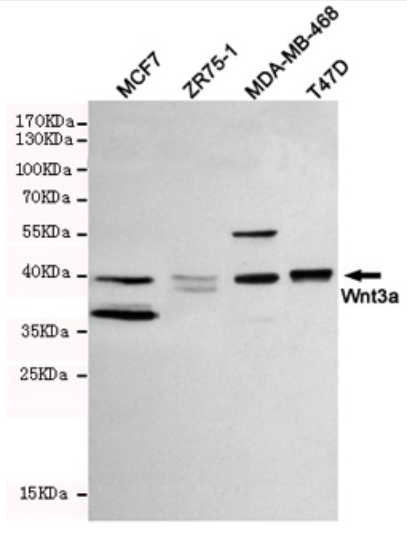
Tissue Location
Moderately expressed in placenta and at low levels in adult lung, spleen, and prostate.

Anti-Wnt3a 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 Cytomety
- Cell Culture

Anti-Wnt3a Antibody - Images



Western blot detection of Wnt3a in MCF-7,ZR75-1,MDA-MB-468 and T47D cell lysates using Wnt3a mouse mAb (1:1000 diluted).Predicted band size: 42KDa.Observed band size:42KDa.

Anti-Wnt3a 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.