

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

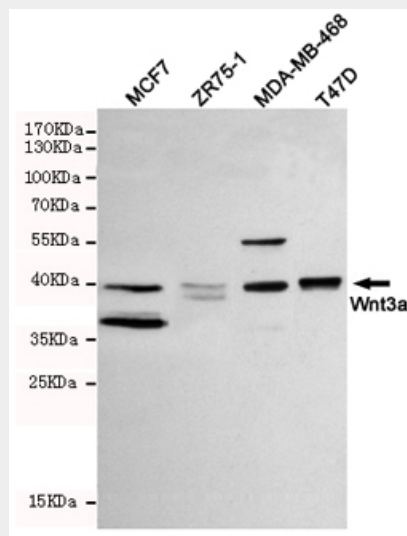
Moderately expressed in placenta and at low levels in adult lung, spleen, and prostate.

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 Cytometry](#)
- [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.