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Anti-Wnt3a Antibody

Mouse Anti Human Monoclonal Antibody
Catalog # AP53397

Product Information

Primary Accession	P56704
Other Accession	NM_033131
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Immunogen	Purified recombinant Wnt3a protein fragments expressed in E.coli.
Purification	Affinity purified
Calculated MW	39365

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.
Format	PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

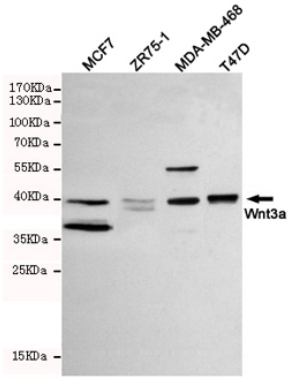
Protein Information

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.

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 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.

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