

For Research Use Only

WNT3A Polyclonal antibody

Catalog Number: 26744-1-AP **22 Publications**



Basic Information

Catalog Number: 26744-1-AP	GenBank Accession Number: BC103921	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 89780	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: wingless-type MMTV integration site family, member 3A	
Isotype: IgG	Calculated MW: 352 aa, 39 kDa	
Immunogen Catalog Number: AG25051	Observed MW: 42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : fetal human brain tissue,
Cited Applications: WB	
Species Specificity: human, Mouse	
Cited Species: human, rat, mouse	

Background Information

WNT3A belongs to wingless-type MMTV integration site family, and abnormal Wnt signalling is often associated with severe human diseases, including cancer, osteoporosis and other degenerative disorders (PMID: 20716463). Wnt3a, was shown to promote trophectoderm formation in embryonic stem cells by inducing Cdx2, one of the critical transcription factors of early trophoblast development, in an LEF-1-dependent manner. Wnt3a may also activate other β -catenin-independent cascades such as ERK or PI3K/AKT signalling, again emphasizing the complexity of the Wnt signalling network.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhihao Lv	36305172	Environ Toxicol	WB
Hongting Guo	34786330	J Bone Oncol	WB
Yuan Zhao	35720633	Exp Ther Med	WB

Storage

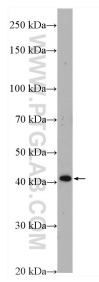
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 26744-1-AP (WNT3A antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.