

For Research Use Only

# WNT3A Polyclonal antibody

Catalog Number: 26744-1-AP

39 Publications



## Basic Information

Catalog Number:

26744-1-AP

Concentration:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25051

GenBank Accession Number:

BC103921

GeneID (NCBI):

89780

UNIPROT ID:

P56704

Full Name:

wingless-type MMTV integration site family, member 3A

Calculated MW:

352 aa, 39 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, Mouse

Cited Species:

human, mouse, rat

Positive Controls:

WB: fetal human brain tissue, MCF-7 cells

## 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  $\beta$ -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

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

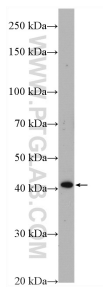
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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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.