

For Research Use Only

# WNT3A Polyclonal antibody

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



## Basic Information

**Catalog Number:**

26744-1-AP

**Size:**

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, rat, mouse

**Positive Controls:**

WB : fetal human brain tissue,

## 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:

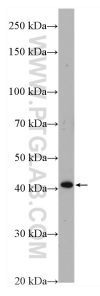
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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.