

For Research Use Only

# WNT3A Recombinant antibody, PBS Only

Catalog Number: 84577-4-PBS



## Basic Information

Catalog Number:

84577-4-PBS

Size:

1 mg/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

Purification Method:

Protein A purification

CloneNo.:

241993E8

## Applications

Tested Applications:

IF/ICC, Indirect ELISA

Species Specificity:

human

## 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.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using WNT3A antibody (84577-4-RR, Clone: 241993E8 ) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84577-4-PBS in a different storage buffer formulation.