

# WNT3a Rabbit mAb

Catalog No.: A25322 **Recombinant** **2 Publications**

## Basic Information

### Observed MW

42 kDa

### Calculated MW

39 kDa

### Category

Primary antibody

### Applications

WB,IP,IF/ICC,IF-P,IHC-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC3257

## Background

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region.

## Recommended Dilutions

**WB** 1:500 - 1:1000**IP** 0.5 µg-4 µg antibody for  
200 µg - 400 µg extracts  
of whole cells**IF/ICC** 1:100 - 1:500**IF-P** 1:100 - 1:500**IHC-P** 1:200 - 1:800**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

89780

### Swiss Prot

P56704

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

WNT3A

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Contact

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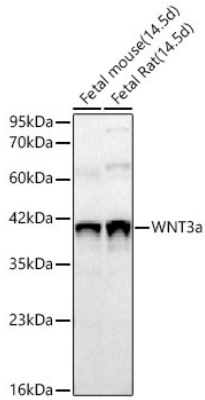
 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

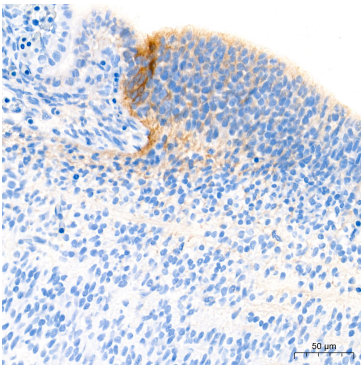
 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

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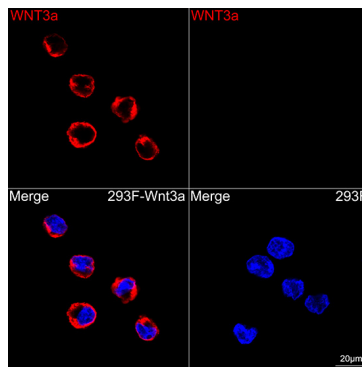
## Validation Data



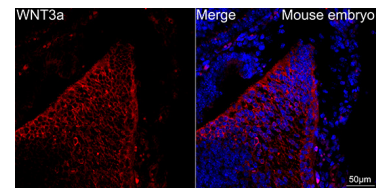
Western blot analysis of various lysates using WNT3a Rabbit mAb (A25322) at 1:1000 dilution incubated overnight at 4°C.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25 µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020)  
 Exposure time: 180 s.



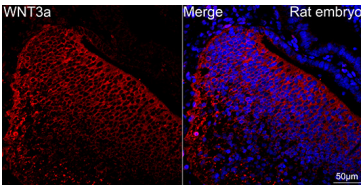
Immunohistochemistry analysis of paraffin-embedded Rat embryo(14 and a half days) tissue using WNT3a Rabbit mAb (A25322) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of 293T cells transfected with WNT3a using WNT3a Rabbit mAb (A25322, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of paraffin-embedded E14.5 Mouse embryo (the Cortical Hem) tissue using WNT3a Rabbit mAb (A25322, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded E14.5 Rat embryo (the Cortical Hem) tissue using WNT3a Rabbit mAb (A25322, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.