

# WNT9A Rabbit Polyclonal Antibody



CAB7939

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

30kDa

### Calculated MW:

40kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200 IF 1:50 -

1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

The WNT gene family consists of structurally related genes that 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 is expressed in gastric cancer cell lines. The protein encoded by this gene shows 75% amino acid identity to chicken Wnt14, which has been shown to play a central role in initiating synovial joint formation in the chick limb. This gene is clustered with another family member, WNT3A, in the chromosome 1q42 region.

## Immunogen information

### Gene ID:

7483

### Uniprot

O14904

### Synonyms:

WNT9A; WNT14

### Immunogen:

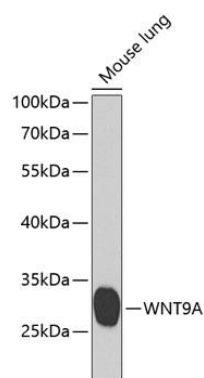
Recombinant fusion protein containing a sequence corresponding to amino acids 206-365 of human WNT9A (NP\_003386.1).

### Storage:

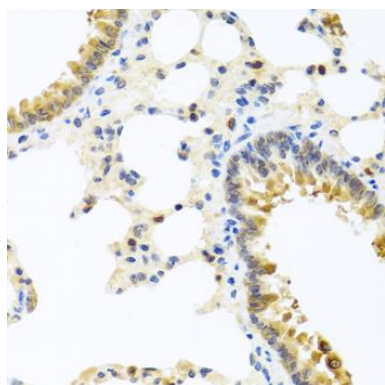
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

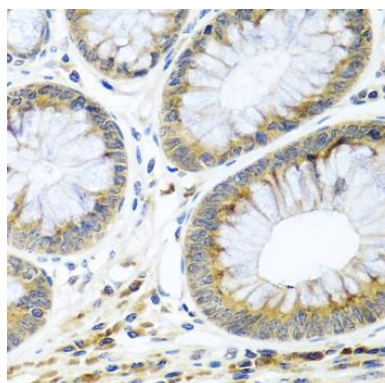
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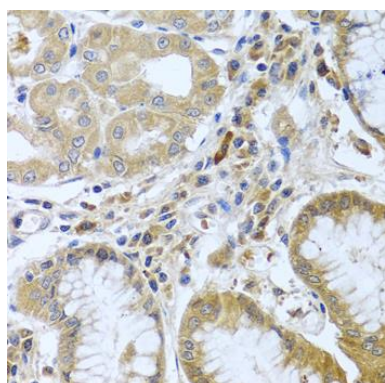
Western blot analysis of extracts of mouse lung, using WNT9A antibody (CAB7939) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat lung using WNT9A antibody (CAB7939) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon using WNT9A antibody (CAB7939) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using WNT9A antibody (CAB7939) at dilution of 1:100 (40x lens).