# antibodies -online.com







# anti-WNT3A antibody (AA 151-180)

**Images** 



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|--------|----------|
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| Quantity:            | 0.4 mL   |
|----------------------|--|
| Target:              | WNT3A  |
| Binding Specificity: | AA 151-180   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This WNT3A antibody is un-conjugated                     |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |
|                      |  |

## **Product Details**

| Immunogen:                  | A portion of amino acids 151-180 from the human protein was used as the immunogen for this WNT3A antibody. |
|-----------------------------|--|
| Isotype:                    | lg Fraction  |
| Cross-Reactivity (Details): | Expected species reactivity: Mouse, Chicken, Xenopus   |
| Purification:               | Antigen affinity purified  |

# **Target Details**

| Target:           | WNT3A  |
|-------------------|--|
| Alternative Name: | WNT3A (WNT3A Products)   |
| Background:       | The WNT gene family consists of structurally related genes which encode secreted signaling |

# **Target Details**

| 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.             |
|  |

#### UniProt:

#### P56704

Pathways:

WNT Signaling, Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Positive Regulation of Endopeptidase Activity

# **Application Details**

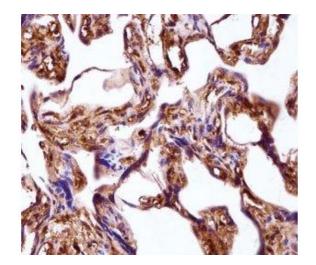
| Application Notes: | Titration of the WNT3A antibody may be required due to differences in protocols and |
|--------------------|---|
|                    | secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50   |

Restrictions:

For Research Use only

# Handling

| Format:            | Liquid   |
|--------------------|--|
| Buffer:            | In 1X PBS, pH 7.4, with 0.09 % sodium azide  |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Aliquot the WNT3A antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.                     |



## **Immunohistochemistry**

**Image 1.** WNT3A antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue.



#### **Western Blotting**

**Image 2.** WNT3A antibody western blot analysis in NCI-H292 lysate. Predicted molecular weight 35~44 kDa depending on glycosylation level.

## **Western Blotting**

**Image 3.** WNT3A antibody western blot analysis in NCI-H292 lysate. Predicted molecular weight 35~44 kDa depending on glycosylation level.