

## Rabbit WNT1 Polyclonal Antibody | anti-WNT1 antibody

WNT1 Polyclonal Antibody

|                               |                       |                                        |                                             |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA177590</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|

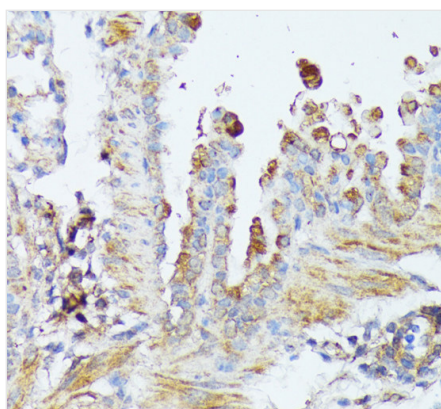
### PRODUCT SYNONYMS

WNT1; Polyclonal Antibody; WNT1 Polyclonal Antibody; BMND16; INT1; OI15; anti-WNT1 antibody

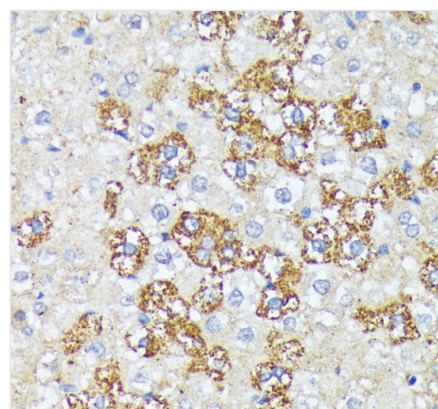
### PRODUCT SPECIFICATIONS

|                                                |                                                       |
|------------------------------------------------|-------------------------------------------------------|
| Host                                           | Rabbit                                                |
| Reactivity                                     | Human, Mouse, Rat                                     |
| Clonality                                      | Polyclonal                                            |
| Isotype                                        | IgG                                                   |
| Purity/Purification                            | Affinity purification                                 |
| Form/Format                                    | PBS with 0.02% sodium azide, 50% glycerol, pH7.3      |
| Concentration                                  | 1mg/mL (varies by lot)                                |
| Applicable Applications for anti-WNT1 antibody | IHC (Immunohistochemistry)                            |
| Immunogen                                      | Recombinant fusion protein of human WNT1 (NP_0054211) |
| Conjugation                                    | Unconjugated                                          |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.      |

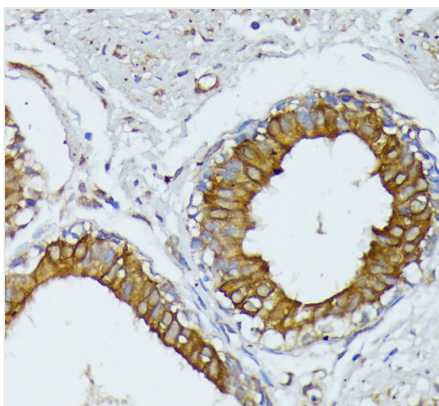
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Mouse lung using WNT1 Polyclonal Antibody at dilution of 1:100 (40x lens).


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Rat liver using WNT1 Polyclonal Antibody at dilution of 1:100 (40x lens).



**IHC (Immunohistochemistry)**  
 Immunohistochemistry of paraffin-embedded Human mammary cancer using WNT1 Polyclonal Antibody at dilution of 1:100 (40x lens).

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-WNT1 antibody</b> | 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 is very conserved in evolution, and the protein encoded by this gene is known to be 98% identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum. This gene was originally considered as a candidate gene for Joubert syndrome, an autosomal recessive disorder with cerebellar hypoplasia as a leading feature. However, further studies suggested that the gene mutations might not have a significant role in Joubert syndrome. This gene is clustered with another family member, WNT10B, in the chromosome 12q13 region. |
| <b>Product Categories/Family for anti-WNT1 antibody</b>   | <a href="#">Cancer</a> ; <a href="#">Stem Cells</a> ; <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4885655</a>                                                                                                  |
| NCBI GeneID                      | <a href="#">7471</a>                                                                                                     |
| NCBI Accession #                 | <a href="#">NP_005421.1</a>                                                                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_005430.3</a>                                                                                              |
| UniProt Accession #              | <a href="#">P04628</a> ; <a href="#">Q5U0N2</a>                                                                          |
| Molecular Weight                 | 40,982 Da                                                                                                                |
| NCBI Official Full Name          | proto-oncogene Wnt-1                                                                                                     |
| NCBI Official Synonym Full Names | wingless-type MMTV integration site family, member 1                                                                     |
| NCBI Official Symbol             | WNT1                                                                                                                     |
| NCBI Official Synonym Symbols    | INT1; OI15; BMND16                                                                                                       |
| NCBI Protein Information         | proto-oncogene Wnt-1; proto-oncogene Int-1 homolog; wingless-type MMTV integration site family, member 1 (oncogene INT1) |
| UniProt Protein Name             | Proto-oncogene Wnt-1                                                                                                     |
| UniProt Gene Name                | <b>WNT1</b>                                                                                                              |
| UniProt Synonym Gene Names       | INT1                                                                                                                     |
| UniProt Entry Name               | WNT1_HUMAN                                                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wnt1-antibody-immunohistochemistry-elisa/177590>