


## Product datasheet

### Anti-Wnt16 antibody ab189033

★★★★★ [1 Abreviews](#) [1 Image](#)

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-Wnt16 antibody   |
| <b>Description</b>         | Rabbit polyclonal to Wnt16  |
| <b>Host species</b>        | Rabbit  |
| <b>Specificity</b>         | BLAST analysis of the peptide immunogen showed no homology with other human proteins.   |
| <b>Tested applications</b> | <b>Suitable for:</b> IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Horse, Hamster, Cow, Pig, Monkey, Gorilla, Common marmoset   |
| <b>Immunogen</b>           | Synthetic peptide corresponding to Human Wnt16 (internal sequence). Synthetic 15 amino acid peptide.<br>Database link: <a href="#">Q9UBV4</a>   |
| <b>Positive control</b>    | Human spleen tissue.  |
| <b>General notes</b>       | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

#### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 7.4<br>Preservative: 0.1% Sodium azide<br>Constituent: 99% PBS  |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab189033 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| IHC-P       |           | Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |

## Target

### Function

Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters.

### Tissue specificity

Isoform Wnt-16b is expressed in peripheral lymphoid organs such as spleen, appendix, and lymph nodes, in kidney but not in bone marrow. Isoform Wnt-16a is expressed at significant levels only in the pancreas.

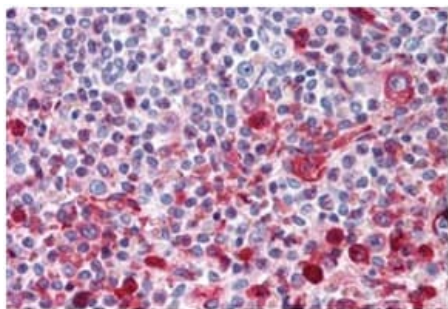
### Sequence similarities

Belongs to the Wnt family.

### Cellular localization

Secreted > extracellular space > extracellular matrix.

## Images



Immunohistochemical analysis of formalin fixed, paraffin embedded human spleen tissue labeling Wnt16 using ab189033 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Wnt16 antibody (ab189033)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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