

## Product datasheet

# Anti-Wnt16 antibody [EPR6064] ab109437

Recombinant RabMAb

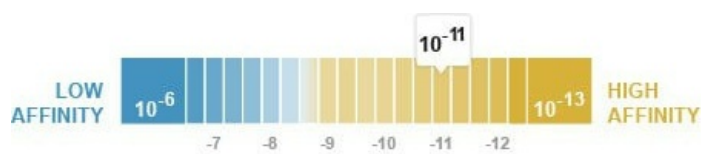
[2 Abreviews](#) [9 References](#) [4 Images](#)

### Overview

<b>Product name</b>	Anti-Wnt16 antibody [EPR6064]
<b>Description</b>	Rabbit monoclonal [EPR6064] to Wnt16
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: Raji, LnCaP, HepG2, 293T, Mouse brain, and Rat brain lysates.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Dissociation constant (K<sub>D</sub>)</b>	K <sub>D</sub> = 6.05 x 10 <sup>-11</sup> M



[Learn more about K<sub>D</sub>](#)

<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
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<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR6064
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab109437 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
<b>WB</b>		1/1000 - 1/10000. Predicted molecular weight: 41 kDa.

**Application notes** Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

## Target

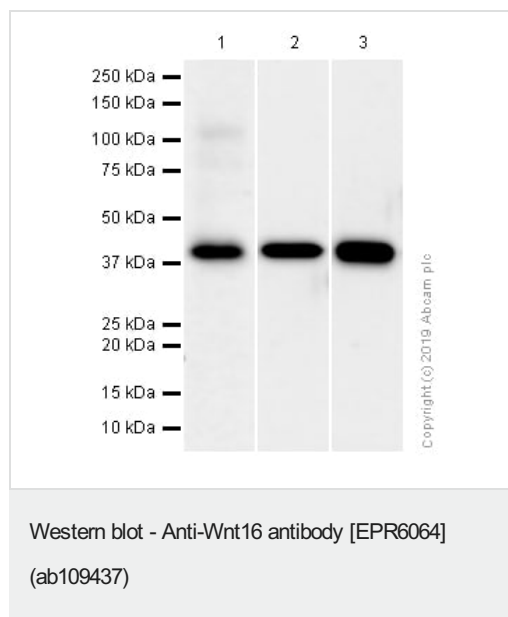
**Function** Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters.

**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



**All lanes** : Anti-Wnt16 antibody [EPR6064] (ab109437) at 1/1000 dilution (Purified)

**Lane 1** : Raji (Human Burkitt's lymphoma B lymphocyte) whole cell lysate

**Lane 2** : Mouse brain tissue lysate

**Lane 3** : Rat brain tissue lysate

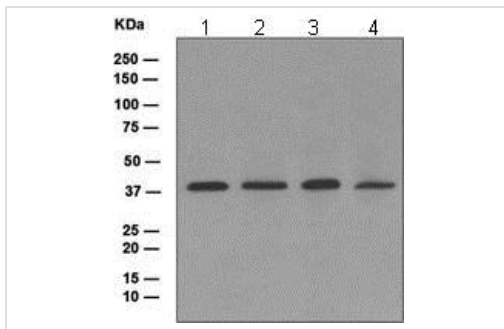
Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 41 kDa

**Observed band size:** 41 kDa



Western blot - Anti-Wnt16 antibody [EPR6064] (ab109437)

**All lanes :** Anti-Wnt16 antibody [EPR6064] (ab109437) at 1/1000 dilution

**Lane 1 :** LnCaP cell lysate

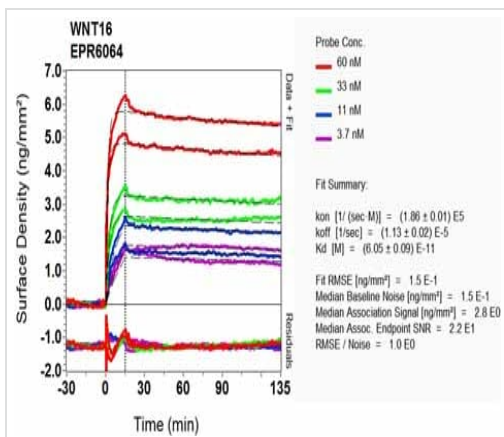
**Lane 2 :** HepG2 cell lysate

**Lane 3 :** Raji cell lysate

**Lane 4 :** 293T cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 41 kDa







OIR-D Scanning - Anti-Wnt16 antibody [EPR6064] (ab109437)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

Why choose a recombinant antibody?

- **Research with confidence**  
Consistent and reproducible results
- **Long-term and scalable supply**  
Recombinant technology
- **Success from the first experiment**  
Confirmed specificity
- **Ethical standards compliant**  
Animal-free production

Anti-Wnt16 antibody [EPR6064] (ab109437)

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

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