

## Product datasheet

### Anti-Wnt3α antibody [3A6] ab81614

★★★★★ [2 Abreviews](#) [15 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-Wnt3a antibody [3A6]
<b>Description</b>	Mouse monoclonal [3A6] to Wnt3a
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length human Wnt3a (aa19-352) purified from E. coli (NP_149122).
<b>Positive control</b>	WB: A549 cell lysates, Wnt3a transfected 293T cell lysate .
<b>General notes</b>	<p>This product was changed from ascites to tissue culture supernatant on 24/01/2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: PBS</p>
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	3A6
<b>Isotype</b>	IgG2a

Light chain type

kappa

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab81614 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
WB	★ ★ ★ ★ ★ (1)	Use at an assay dependent concentration. Detects a band of approximately 39 kDa (predicted molecular weight: 39 kDa).

## Target

### Function

Ligand for members of the frizzled family of seven transmembrane receptors. Wnt-3 and Wnt-3a play distinct roles in cell-cell signaling during morphogenesis of the developing neural tube.

### Tissue specificity

Moderately expressed in placenta and at low levels in adult lung, spleen, and prostate.

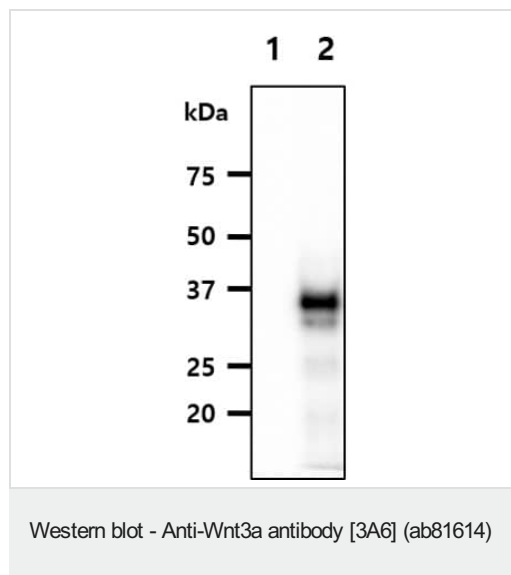
### Sequence similarities

Belongs to the Wnt family.

### Cellular localization

Secreted > extracellular space > extracellular matrix.

## Images



**All lanes** : Anti-Wnt3a antibody [3A6] (ab81614) at 1/1000 dilution

**Lane 1** : 293T cell lysate

**Lane 2** : Wnt3a transfected 293T cell lysate

Lysates/proteins at 40 µg per lane.

### Secondary

**All lanes** : goat anti-mouse secondary antibody conjugated to HRP

**Predicted band size:** 39 kDa

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

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- Response to your inquiry within 24 hours

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