

## Product datasheet

# Anti-Neurogenin 2 antibody [EPR4177] ab109236

Recombinant RabMAB

1 Abreviews 3 Images

### Overview

<b>Product name</b>	Anti-Neurogenin 2 antibody [EPR4177]
<b>Description</b>	Rabbit monoclonal [EPR4177] to Neurogenin 2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> ICC/IF or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) corresponding to Human Neurogenin 2 aa 100-200 (internal sequence). Database link: <a href="#">Q9H2A3</a> (Peptide available as <a href="#">ab187850</a> )
<b>Positive control</b>	WB: SH-SY5Y and HepG2 cell lysates. ICC/IF: SH-SY-5Y cell lysates.
<b>General notes</b>	This product is a recombinant rabbit monoclonal antibody.  <b>We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.</b>  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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 59% PBS, 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal

**Clone number**                      EPR4177

**Isotype**                                IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab109236** 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		1/1000 - 1/10000. Detects a band of approximately 26 kDa (predicted molecular weight: 29 kDa).

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**Application notes**                      Is unsuitable for ICC/IF or IP.

## Target

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**Function**                                Involved in neurogenesis.

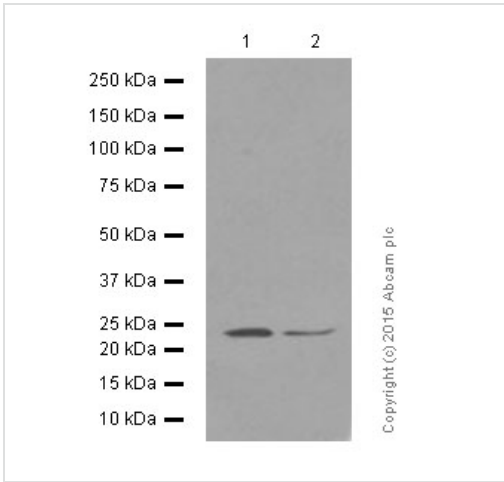
**Sequence similarities**                Contains 1 basic helix-loop-helix (bHLH) domain.

**Cellular localization**                Nucleus.

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## Images

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Western blot - Anti-Neurogenin 2 antibody  
[EPR4177] (ab109236)

**All lanes :** Anti-Neurogenin 2 antibody  
[EPR4177] (ab109236) at 1/5000 dilution  
(purified)

**Lane 1 :** PC-12 cell lysate

**Lane 2 :** NIH/3T3 cell lysate

Lysates/proteins at 20 µg per lane.

**Secondary**

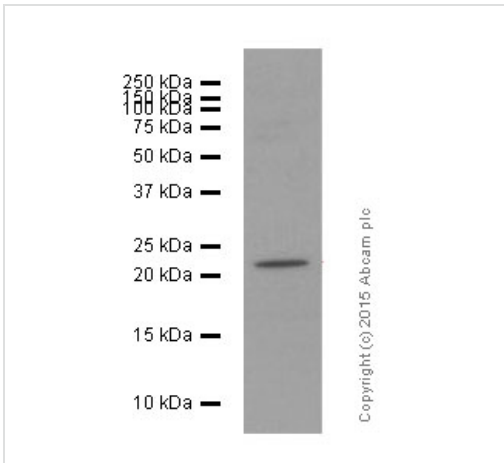
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP)  
(ab97051) at 1/50000 dilution (Goat Anti-  
Rabbit IgG, (H+L), Peroxidase conjugated)

**Predicted band size:** 29 kDa

Blocking buffer and concentration: 5%

NFDM/TBST.

Diluting buffer and concentration: 5% NFDM  
/TBST.



Western blot - Anti-Neurogenin 2 antibody  
[EPR4177] (ab109236)

Anti-Neurogenin 2 antibody [EPR4177]  
(ab109236) at 1/5000 dilution (purified) + SH-  
SY5Y cell lysate at 10 µg

**Secondary**

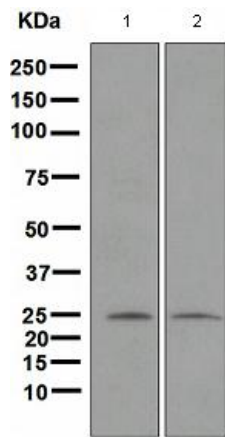
Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at  
1/50000 dilution (Goat Anti-Rabbit IgG, (H+L),  
Peroxidase conjugated)

**Predicted band size:** 29 kDa

Blocking buffer and concentration: 5%

NFDM/TBST.

Diluting buffer and concentration: 5% NFDM  
/TBST.



Western blot - Anti-Neurogenin 2 antibody  
[EPR4177] (ab109236)

**All lanes :** Anti-Neurogenin 2 antibody  
[EPR4177] (ab109236) at 1/1000 dilution  
(unpurified)

**Lane 1 :** SH-SY5Y cell lysate

**Lane 2 :** HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 29 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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