

Product datasheet

Anti-Neurogenin 2 antibody [EPR4177] ab109236

Recombinant RabMAb

1 Abreviews 3 Images

Overview

Product name	Anti-Neurogenin 2 antibody [EPR4177]
Description	Rabbit monoclonal [EPR4177] to Neurogenin 2
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human Neurogenin 2 aa 100-200 (internal sequence). The exact sequence is proprietary. Database link: Q9H2A3 (Peptide available as ab187850)
Positive control	WB: SH-SY5Y and HepG2 cell lysates. ICC/IF: SH-SY-5Y cell lysates.
General notes	

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab[®] patents](#)

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.

This product is a recombinant rabbit monoclonal antibody.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 59% PBS, 0.05% BSA

Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR4177
Isotype	IgG

Applications

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).

Application notes Is unsuitable for ICC/IF or IP.

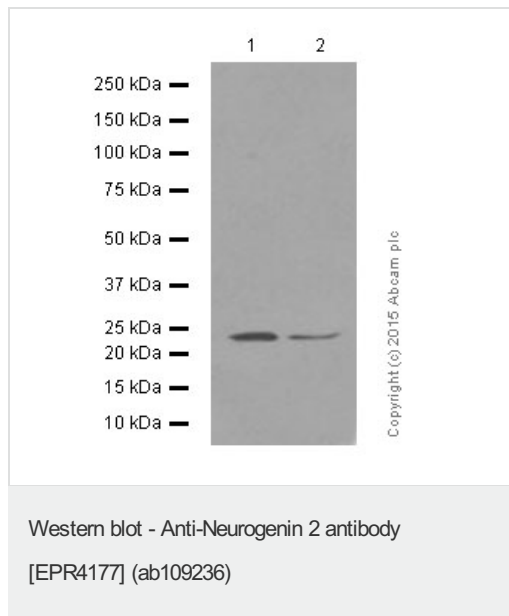
Target

Function Involved in neurogenesis.

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

Cellular localization Nucleus.

Images



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.

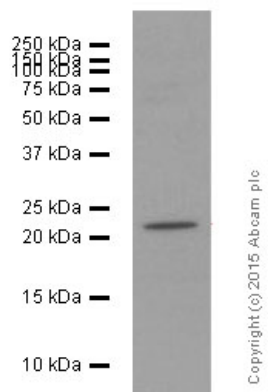
Secondary

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

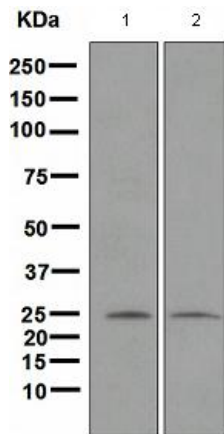
Secondary

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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