

Product datasheet

Anti-NeuroD2 antibody [EPR5135] ab109406

Recombinant **RabMAb**

★★★★★ [3 Abreviews](#) [8 References](#) [4 Images](#)

Overview

Product name	Anti-NeuroD2 antibody [EPR5135]
Description	Rabbit monoclonal [EPR5135] to NeuroD2
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human cerebellum, Human hippocampus, and fetal brain, Mouse cerebellum, Rat cerebellum lysates
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5135
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab109406 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)	1/1000 - 1/10000. Detects a band of approximately 48 kDa (predicted molecular weight: 41 kDa).

Application notes

Is unsuitable for Flow Cyt, ICC/IF or IP.

Target

Function

Appears to mediate neuronal differentiation.

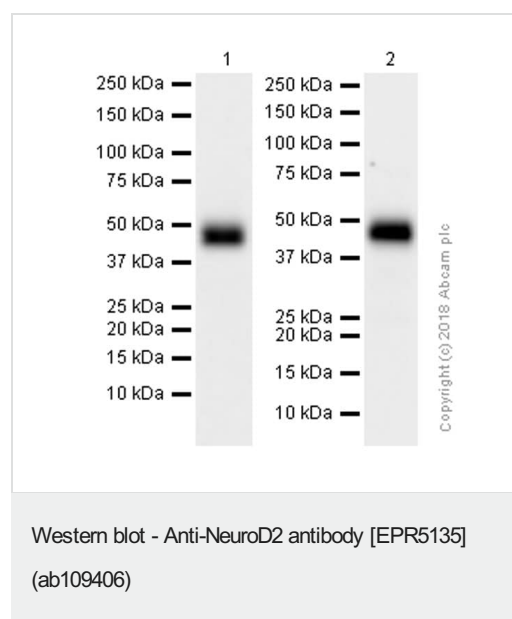
Sequence similarities

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

Cellular localization

Nucleus.

Images



All lanes : Anti-NeuroD2 antibody [EPR5135] (ab109406) at 1/1000 dilution (Purified)

Lane 1 : Mouse cerebellum lysates

Lane 2 : Rat cerebellum lysates

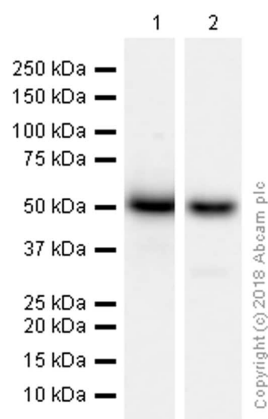
Lysates/proteins at 15 µg per lane.

Secondary

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

Predicted band size: 41 kDa

Observed band size: 48 kDa



Western blot - Anti-NeuroD2 antibody [EPR5135]
(ab109406)

All lanes : Anti-NeuroD2 antibody [EPR5135] (ab109406) at 1/1000 dilution (Purified)

Lane 1 : Human cerebellum tissue lysate at 20 µg

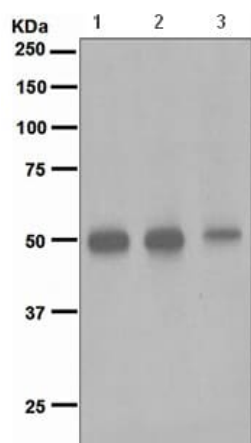
Lane 2 : Human fetal brain tissue lysate at 20 µg

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 41 kDa

Observed band size: 48 kDa



Western blot - Anti-NeuroD2 antibody [EPR5135]
(ab109406)

All lanes : Anti-NeuroD2 antibody [EPR5135] (ab109406) at 1/1000 dilution

Lane 1 : Human cerebellum lysate

Lane 2 : Human hippocampus lysate





Lane 3 : Human fetal brain lysates

Lysates/proteins at 10 µg per lane.

Predicted band size: 41 kDa

Observed band size: 48 kDa

Why choose a recombinant antibody?

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

Anti-NeuroD2 antibody [EPR5135] (ab109406)

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

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