abcam

Product datasheet

Anti-Nova1 antibody [EPR13847] ab183024

Recombinant RabMAb

7 References   5 Images

Overview

Product name	Anti-Nova1 antibody [EPR13847]
Description	Rabbit monoclonal [EPR13847] to Nova1
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P
Species reactivity	**Reacts with:** Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Mouse brain tissue, PC12 cells, Human cerebellum tissue lysates; Human gliocytoma tissue; Rat brain tissue
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13847
Isotype	IgG

Applications
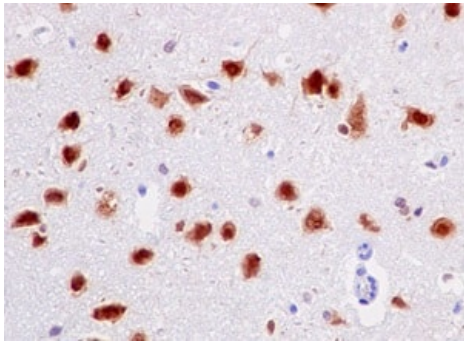
Our **Abpromise guarantee** covers the use of ab183024 in the following tested applications.

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 52 kDa (predicted molecular weight: 52 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

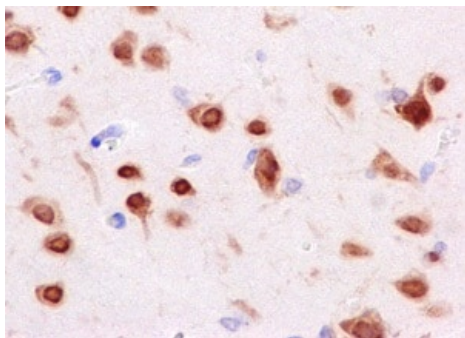|	
Function	May regulate RNA splicing or metabolism in a specific subset of developing neurons.
Tissue specificity	Brain.
Sequence similarities	Contains 3 KH domains.
Cellular localization	Nucleus.

Images

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nova1 antibody [EPR13847] (ab183024)
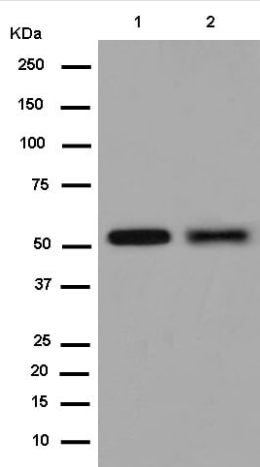
Immunohistochemical analysis of paraffin-embedded Rat brain tissue labeling Nova1 using ab183024 at 1/500 dilution. A HRP conjugated Rabbit IgG was used as secondary (prediluted). Counterstain: Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Immunohistochemical analysis of paraffin-embedded human gliocytoma tissue labeling Nova1 using ab183024 at 1/500 dilution. HRP-conjugated Rabbit IgG was used as secondary (prediluted). Counterstain: Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nova1 antibody [EPR13847] (ab183024)

All lanes : Anti-Nova1 antibody [EPR13847] (ab183024) at 1/1000 dilution
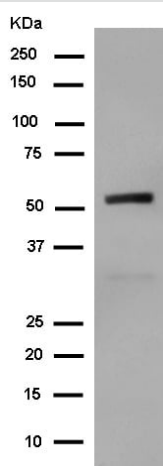
Lane 1 : Mouse brain lysate
Lane 2 : PC12 lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 52 kDa

Western blot - Anti-Nova1 antibody [EPR13847] (ab183024)

Anti-Nova1 antibody [EPR13847] (ab183024) at 1/5000 dilution + Human cerebellum lysate at 20 µg

Secondary
Goat Anti-Rabbit IgG H&L (HRP) (**ab136636**) at 1/500 dilution (Goat Anti-Rabbit IgG HRP)

Predicted band size: 52 kDa

Western blot - Anti-Nova1 antibody [EPR13847] (ab183024)

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-Nova1 antibody [EPR13847] (ab183024)

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

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