

Product datasheet

Anti-Nova1 antibody [EPR13847] ab183024

Recombinant RabMAb

[3 References](#) [4 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 within Human Nova1 aa 1-100. The exact sequence is proprietary. Database link: P51513
Positive control	Mouse brain tissue, PC12 cells, Human cerebellum tissue lysates; Human gliocytoma tissue; Rat brain tissue

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](#).

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 long term. Avoid freeze / thaw cycle.
Storage buffer	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.

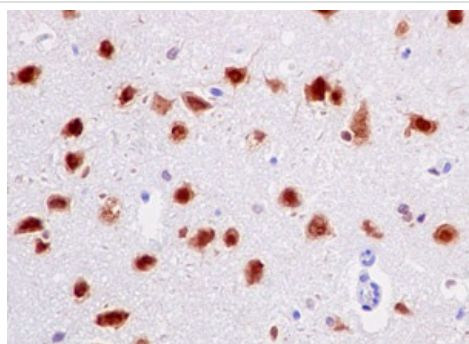
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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.

Target

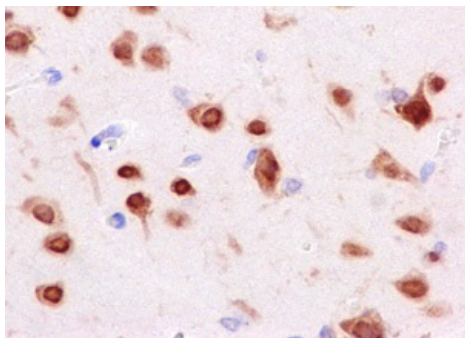
Function	May regulate RNA splicing or metabolism in a specific subset of developing neurons.
Tissue specificity	Brain.
Sequence similarities	Contains 3 KH domains.
Cellular localization	Nucleus.

Images



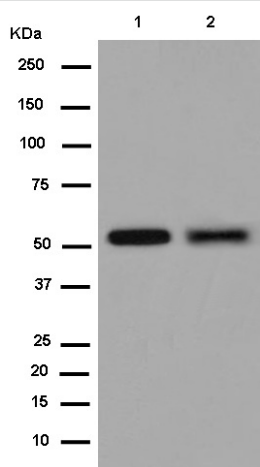
Immunohistochemical analysis of paraffin-embedded Rat brain tissue labeling Nova1 using ab183024 at 1/500 dilution. A HRP conjugated Rabbit IgG was used as secondary (prediluted). Counterstain: Hematoxylin.

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



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

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.



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

All lanes : Anti-Nova1 antibody [EPR13847] (ab183024) at 1/1000 dilution

Lane 1 : Mouse brain lysate

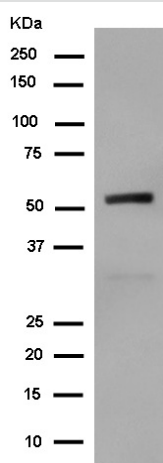
Lane 2 : PC12 lysate

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

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