

Product datasheet

Anti-Nkx2.2 antibody [EPR14638] - N-terminal ab191077

Recombinant RabMAb

★★★★★ [4 Abreviews](#) [8 References](#) [6 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-Nkx2.2 antibody [EPR14638] - N-terminal |
| Description | Rabbit monoclonal [EPR14638] to Nkx2.2 - N-terminal |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P, ICC/IF |
| Species reactivity | Reacts with: Mouse, Rat, Human |
| Immunogen | Recombinant fragment. This information is proprietary to Abcam and/or its suppliers. |
| Positive control | Human Ewing sarcoma, Human colon, Mouse brain and Rat colon tissues; C6 cells. |
| 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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | <p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol, 0.05% BSA</p> |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR14638 |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab191077 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 |
|-------------|-----------|--|
| IHC-P | ★★★★★ (1) | 1/1000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |
| ICC/IF | ★★★★★ (2) | 1/50. |

Target

Function

May be involved in specifying diencephalic neuromeric boundaries, and in controlling the expression of genes that play a role in axonal guidance.

Sequence similarities

Belongs to the NK-2 homeobox family.
Contains 1 homeobox DNA-binding domain.

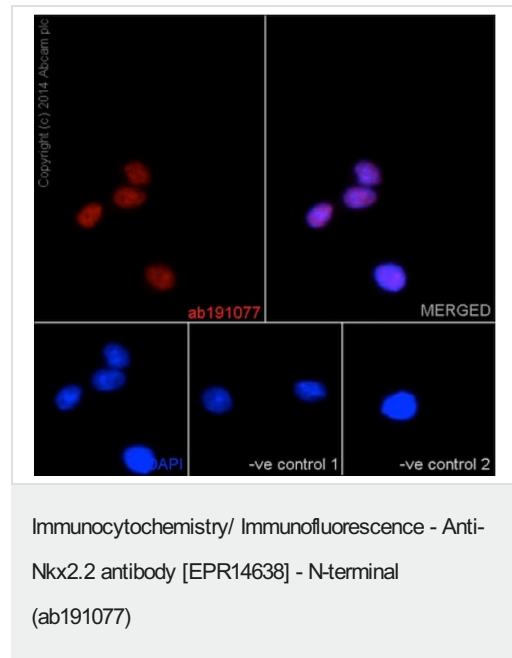
Domain

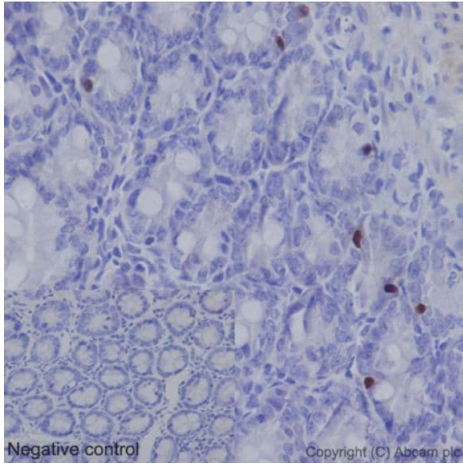
The homeodomain is essential for interaction with OLIG2.

Cellular localization

Nucleus.

Images

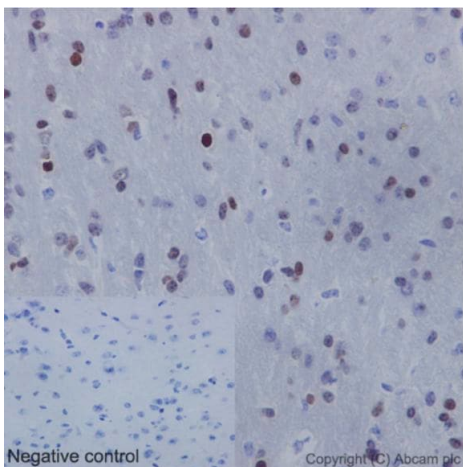




Immunohistochemical analysis of paraffin-embedded Rat colon tissue labeling Nkx2.2 with ab191077 at 1/1000. Secondary antibody Goat anti rabbit IgG (HRP) prediluted. Counter stain Hematoxylin. Negative control also shown.

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

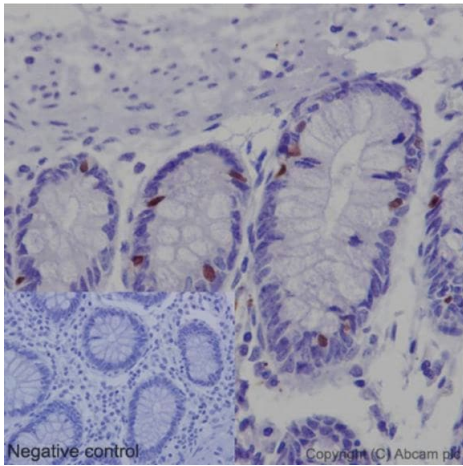
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nkx2.2 antibody [EPR14638] - N-terminal (ab191077)



Immunohistochemical analysis of paraffin-embedded Mouse brain tissue labeling Nkx2.2 with ab191077 at 1/1000. Secondary antibody Goat anti rabbit IgG (HRP) prediluted. Counter stain Hematoxylin. Negative control also shown.

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

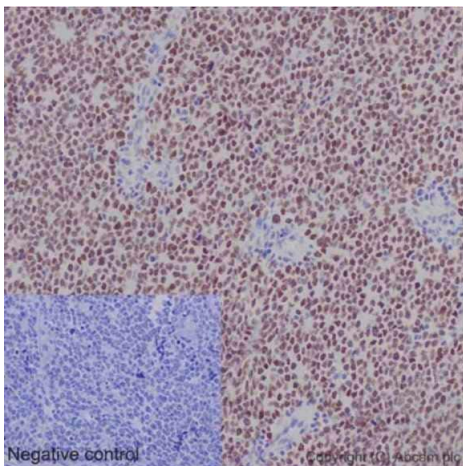
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nkx2.2 antibody [EPR14638] - N-terminal (ab191077)



Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling Nkx2.2 with ab191077 at 1/1000. Secondary antibody Goat anti rabbit IgG (HRP) prediluted. Counter stain Hematoxylin. Negative control also shown.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nkx2.2 antibody [EPR14638] - N-terminal (ab191077)



Immunohistochemical analysis of paraffin-embedded Human Ewing sarcoma tissue labeling Nkx2.2 with ab191077 at 1/1000. Secondary antibody Goat anti rabbit IgG (HRP) prediluted. Counter stain Hematoxylin. Negative control also shown.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nkx2.2 antibody [EPR14638] - N-terminal (ab191077)

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-Nkx2.2 antibody [EPR14638] - N-terminal
(ab191077)

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

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