

Product datasheet

Anti-Nurr1 antibody [N1404] ab41917

★★★★★ 7 Abreviews 21 References 1 Image

Overview

Product name	Anti-Nurr1 antibody [N1404]
Description	Mouse monoclonal [N1404] to Nurr1
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Rat
Immunogen	<p>Recombinant fragment: CVQAQYGSSP QGASPASQSY SYHSSGEYSS DFLTPEFVKF SMDLTNTEIT ATTSLPSFST FMDNYSTGYD VKPPCLYQMP LSGQQSSIKV EDIQMHN, corresponding to amino acids 2-99 of Human Nurr1</p> <p>Run BLAST with ExPASy Run BLAST with NCBI</p>
Positive control	Rat cerebral nerve cell.
General notes	<p>This product was changed from ascites to tissue culture supernatant on 3rd April 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</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</p> <p>Preservative: 0.1% Sodium azide</p> <p>Physiological saline.</p>
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	N1404
Isotype	IgG2a

Applications

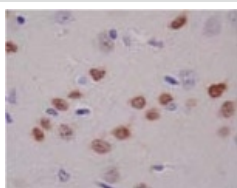
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab41917 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (4)	Use at an assay dependent concentration.

Target

Function	Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development. It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons.
Tissue specificity	Expressed in a number of cell lines of T-cell, B-cell and fibroblast origin. Strong expression in brain tissue.
Sequence similarities	Belongs to the nuclear hormone receptor family. NR4 subfamily. Contains 1 nuclear receptor DNA-binding domain.
Developmental stage	Rapidly and only very transiently expressed after cell activation, during the G0-G1 transition of the cell cycle.
Cellular localization	Nucleus.

Images



ab41917 staining Nurr1 rat cerebral nerve cell paraffin section (10 ug/mL) by immunohistochemistry, formalin-fixed paraffin embedded sections.

This image was generated using the ascites version of the product.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nurr1 antibody [N1404] (ab41917)

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

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