


# Anti-Nurr1 antibody ab227260

[1 Abreviews](#) [2 Images](#)

## Overview

<b>Product name</b>	Anti-Nurr1 antibody
<b>Description</b>	Rabbit polyclonal to Nurr1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Pig, Rhesus monkey 
<b>Immunogen</b>	Recombinant fragment within Human Nurr1 (internal sequence). The exact sequence is proprietary. Database link: <a href="#">P43354</a>
<b>Positive control</b>	ICC/IF: SK-N-SH and HeLa cells.
<b>General notes</b>	<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&amp;As</p>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab227260 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
ICC/IF		1/100 - 1/1000.

## 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.

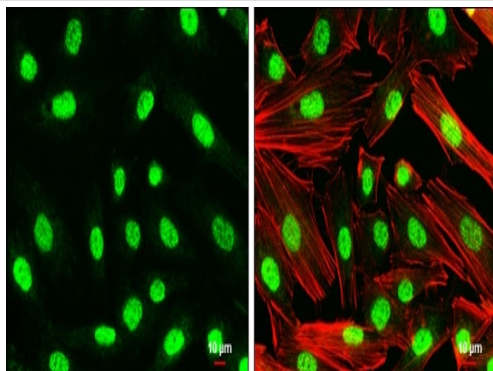
### Developmental stage

Rapidly and only very transiently expressed after cell activation, during the G0-G1 transition of the cell cycle.

### Cellular localization

Nucleus.

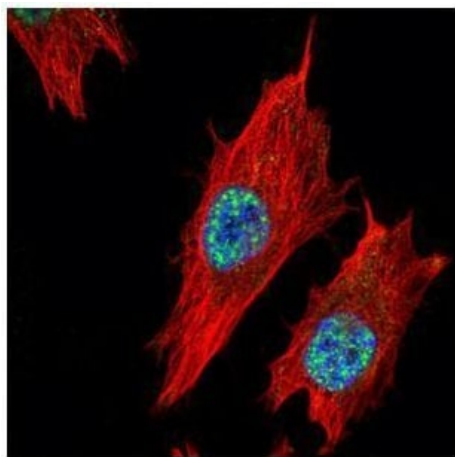
## Images



4% paraformaldehyde-fixed SK-N-SH (human neuroblastoma cell line) cells stained for Nurr1 (green) using ab227260 at 1/500 dilution in ICC/IF.

Red: Phalloidin, a cytoskeleton marker, at 1/50 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-Nurr1 antibody (ab227260)



Immunocytochemistry/ Immunofluorescence - Anti-Nurr1 antibody (ab227260)

Paraformaldehyde-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for Nurr1 (green) using ab227260 at 1/500 dilution in ICC/IF.

Alpha-tubulin filaments were labeled with an alpha-tubulin antibody at 1/2000 dilution (Red).

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

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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