

Product datasheet

Anti-Nurr1 antibody [447C2α] ab54366

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Nurr1 antibody [447C2α]
Description	Mouse monoclonal [447C2α] to Nurr1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Recombinant fragment
Immunogen	Nurr1 recombinant fragment (Human)
General notes	<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.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, 1% BSA, PBS</p>
Purity	Protein G purified
Purification notes	ab54366 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG depleted (approximately 95%) fetal bovine serum and filtered through a 0.22µm membrane.
Clonality	Monoclonal
Clone number	447C2α
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab54366 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		Use at an assay dependent concentration. Detects a band of approximately 37 kDa (predicted molecular weight: 66 kDa).

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.

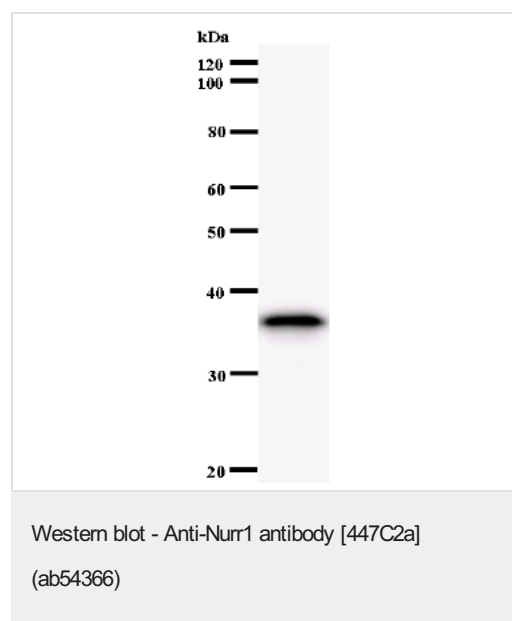
Developmental stage

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

Cellular localization

Nucleus.

Images



Anti-Nurr1 antibody [447C2a] (ab54366) + immunised recombinant protein

Predicted band size: 66 kDa

Observed band size: 37 kDa

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

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