

Product datasheet

Anti-Nurr1 antibody [447C2 α] ab54366

1 Image

Overview

Product name	Anti-Nurr1 antibody [447C2a]
Description	Mouse monoclonal [447C2a] to Nurr1
Host species	Mouse
Tested applications	Suitable for: WB, Dot blot
Species reactivity	Reacts with: Human
Immunogen	Nurr1 recombinant fragment (Human)

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	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, 1% BSA, PBS
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 0.22 μ m membrane.
Clonality	Monoclonal
Clone number	447C2a
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab54366** in the following tested applications.

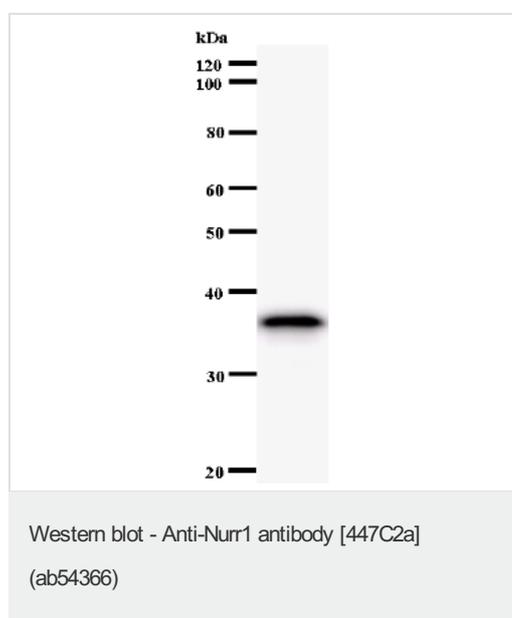
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution. Detects a band of approximately 37 kDa (predicted molecular weight: 66 kDa).
Dot blot		Use at an assay dependent dilution.

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

[why is the actual band size different from the predicted?](#)

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