

Product datasheet

Anti-Nurr1 antibody ab55769

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Overview

Product name	Anti-Nurr1 antibody
Description	Mouse monoclonal to Nurr1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment: GFQVQHSPMW DDPGSLHNFH QNYVATTHMI EQRKTPVSRL SLFSFKQSPP GTPVSSCQMR FDGPLHVPMN PEPAGSHHVV DGQTFVAVNP IRKPASMGFP , corresponding to amino acids 71-170 of Human Nurr1 Run BLAST with ExPASy Run BLAST with NCBI

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab55769** in the following tested applications.

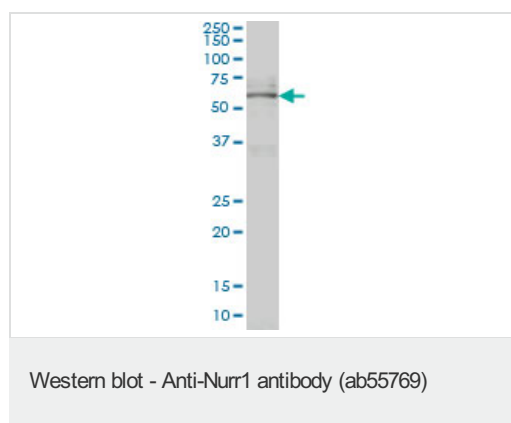
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 67 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



Nurr1 antibody (ab55769) at 1ug/lane + HeLa cell lysate at 25ug/lane.

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