Product Information

**Anti-Nurr1**
produced in rabbit, affinity isolated antibody

Catalog Number **N4663**

**Product Description**
Anti-Nurr1 is produced in rabbit using as immunogen a synthetic peptide corresponding to internal residues of the human Nurr1 (GeneID 4929). The antibody is affinity-purified.

Anti-Nurr1 recognizes human Nurr1. Applications include the detection of Nurr1 by immunoblotting and immunohistochemistry.

The Nurr1 gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcription factor. Mutations in this gene have been associated with disorders related to dopaminergic dysfunction, including Parkinson's. Nurr1 is a stem cell marker and cooperates with PITX3 to promote terminal maturation of murine and human embryonic stem cell cultures to a midbrain dopamine neuron phenotype. In addition, Nurr1 is involved in the regulation of corticotropin-releasing hormone (CRH), which may be linked to and associated with rheumatoid arthritis.

**Reagent**
Supplied as a solution in phosphate buffered saline, containing 0.02% sodium azide.

Antibody concentration: ~1.0 mg/mL

**Precautions and Disclaimer**
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

**Storage/Stability**
For continuous use, store at 2-8 °C for up to three months. For extended storage, freeze in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended.

**Product Profile**
**Immunoblotting**: a working dilution of 1:1,000 to 1:2,000 is recommended.

**Immunohistochemistry**: a working dilution of 1:100 to 1:200 is recommended.

**Note**: In order to obtain the best results using various techniques and preparations, we recommend determining the optimal working dilutions by titration.

**References**

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