

Anti-Nurr1 Antibody

Catalog # AN2165

Specification

Anti-Nurr1 Antibody - Product Information

Primary Accession	
Reactivity	
Host	
Clonality	
Isotype	
Calculated MW	

P43354 Bovine Rabbit Rabbit Polyclonal IgG 66591

Anti-Nurr1 Antibody - Additional Information

Gene ID 4929 Other Names NR4A2, Nuclear receptor subfamily 4 group A member 2, Immediate-early response protein NOT, Orphan nuclear receptor NURR1, Transcriptionally-inducible nuclear receptor, NOT, NURR1, TINUR

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions Anti-Nurr1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping Blue Ice

Anti-Nurr1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-Nurr1 Antibody - Images

Anti-Nurr1 Antibody - Background

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. Nur1 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, Nur1 is involved in the regulation of corticotropin-releasing hormone (CRH), which may be linked to and associated with rheumatoid arthritis.