

# Product Datasheet

## Nurr1/NGFI-B beta/NR4A2 Antibody - BSA Free NB110-40415

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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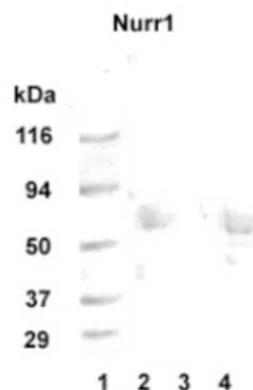
**NB110-40415**

Nurr1/NGFI-B beta/NR4A2 Antibody - BSA Free

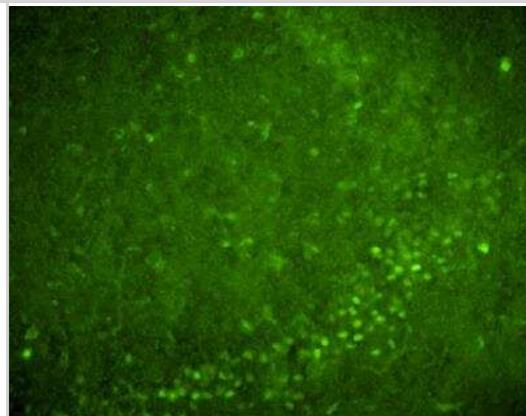
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4929
<b>Gene Symbol</b>	NR4A2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Human and Rat. Other species not yet tested. Mouse reactivity reported in scientific literature (PMID: 18784308).
<b>Specificity/Sensitivity</b>	This is specific to the Nurr1 protein.
<b>Immunogen</b>	Synthetic peptide comprising residues 513-526 [TERHGLKEPKRVEE] of the human Nurr1 protein. Based on 100% sequence homology, this antibody is also expected to cross react with rat and mouse Nurr1.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500- 1:2000, Immunohistochemistry 1:100-1:200, Immunoprecipitation
<b>Application Notes</b>	This antibody is useful for Western Blot and Immunohistochemistry. Use in Immunoprecipitation reported in scientific literature (PMID 18784308)

## Images

Western Blot: Nurr1 Antibody [NB110-40415] - Western blot detection of Nurr1 in 20 ug of human hippocampus tissue lysate (lanes 2 and 4) with Nurr1 polyclonal at 1:1000 dilution followed by AP-conjugated secondary at 1:5000 dilution. MW marker lane 1. Peptide absorption control lane 3.



Immunohistochemistry: Nurr1 Antibody [NB110-40415] - Nurr1 staining with Nurr1 polyclonal antibody at a 1:100 dilution in adult rat brain hippocampus. Tissue was fixed in paraformaldehyde and cut into 20 micron sections.



## Publications

Servaas NH, Hiddingh S, Chouri E et al. Nuclear Receptor Subfamily 4A Signaling as a Key Disease Pathway of CD1c+ Dendritic Cell Dysregulation in Systemic Sclerosis Arthritis & rheumatology (Hoboken, N.J.) 2023-02-01 [PMID: 36482877]

Lilley CM, Alarcon A, Ngo MH et al. Orphan Nuclear Receptor NR4A2 Is Constitutively Expressed in Cartilage and Upregulated in Inflamed Synovium From hTNF-Alpha Transgenic Mice *Frontiers in Pharmacology* 2022-04-20 [PMID: 35529439] (Immunohistochemistry)

Luo Y, Xing F, Guiliano R et al. Identification of a Novel Nurr1-Interacting Protein. *J Neurosci*;28(37):9277-9286. 2008 -01-01 [PMID: 18784308] (IP, Mouse)



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### Products Related to NB110-40415

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004929-Q01-10ug	Recombinant Human Nurr1/NGFI-B beta/NR4A2 GST (N-Term) Protein

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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