

# 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

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

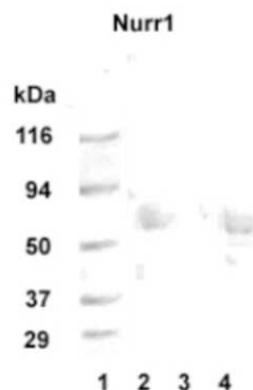
Product Description	
Description	Novus Biologicals Rabbit Nurr1/NGFI-B beta/NR4A2 Antibody - BSA Free (NB110-40415) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-Nurr1/NGFI-B beta/NR4A2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4929
Gene Symbol	NR4A2
Species	Human, Mouse, Rat
Reactivity Notes	Human and Rat. Other species not yet tested. Mouse reactivity reported in scientific literature (PMID: 18784308).
Specificity/Sensitivity	This is specific to the Nurr1 protein.
Immunogen	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.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500- 1:2000, Immunohistochemistry 1:100-1:200, Immunoprecipitation
Application Notes	This antibody is useful for Western Blot and Immunohistochemistry. Use in Immunoprecipitation reported in scientific literature (PMID 18784308)

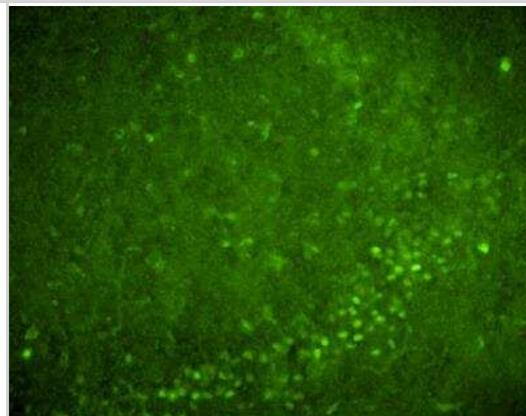


## Images

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] (Immunoprecipitation, Mouse)

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] (Immunoprecipitation, Mouse)

Finney CA, Wilkins HM, Swerdlow RH et Al. Activators of neurotoxic microglia in neurodegeneration: is the answer in blood? *Immunol Cell Biol* 2023-09-01 [PMID: 37524376]

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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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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