

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

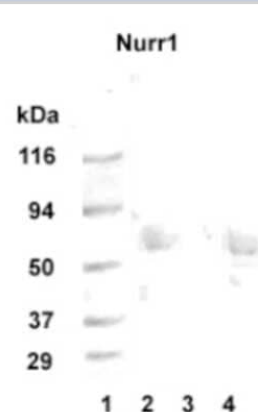
Product Description	
Host	Rabbit
Gene ID	4929
Gene Symbol	NR4A2
Species	Human, Mouse, Rat
Reactivity Notes	Human and Rat. Other species not yet tested. Mouse reactivity reported in scientific literature (PMID: 18784308).
Specificity/Sensitivity	This is specific to the Nurr1 protein.
Immunogen	Synthetic 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)

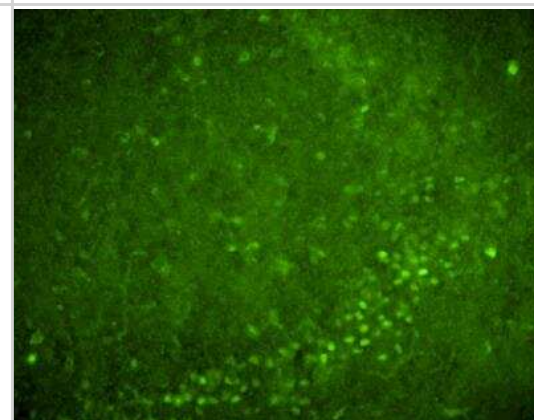


Images

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]

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

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

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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