

ARG11088 anti-Nurr1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Nurr1
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Nurr1
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 566-591 of Human Nurr1. (CTQGL QRIFY LKLED LVPPP AIIDK L)
Conjugation	Un-conjugated
Alternate Names	TINUR; Orphan nuclear receptor NURR1; NURR1; Immediate-early response protein NOT; HZF-3; Transcriptionally-inducible nuclear receptor; NOT; Nuclear receptor subfamily 4 group A member 2; RNR1

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	65 - 75 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	Tris, HCl/Glycine buffer (pH 7.4-7.8), cryo-protective agents, Hepes, 0.02% Sodium azide, 30% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	30% Glycerol and 0.5% BSA
Concentration	0.61 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

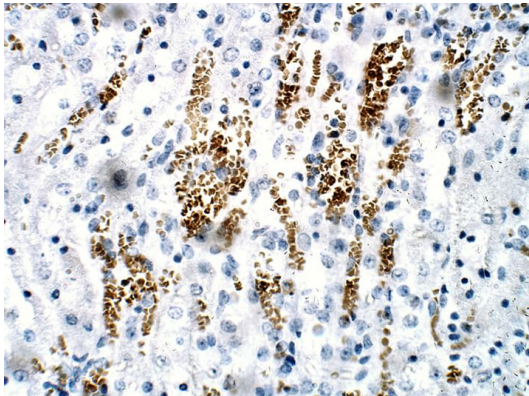
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

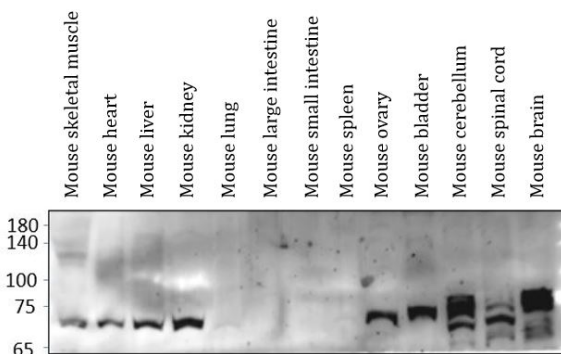
Gene Symbol	NR4A2
Gene Full Name	nuclear receptor subfamily 4, group A, member 2
Background	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcription factor. Mutations in this gene have been associated with disorders related to dopaminergic dysfunction, including Parkinson disease, schizophrenia, and manic depression. Misregulation of this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]
Function	Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development. It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons (By similarity). [UniProt]
Calculated Mw	67 kDa
Cellular Localization	Cytoplasm. Nucleus. Note=Mostly nuclear; oxidative stress promotes cytoplasmic localization. [UniProt]

Images



ARG11088 anti-Nurr1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Mouse kidney tissue stained with ARG11088 anti-Nurr1 antibody at 1:50 dilution.



ARG11088 anti-Nurr1 antibody WB image

Western blot: Mouse skeletal muscle, Mouse heart, Mouse liver, Mouse kidney, Mouse lung, Mouse large intestine, Mouse small intestine, Mouse spleen, Mouse ovary, Mouse bladder, Mouse cerebellum, Mouse spinal cord and Mouse brain lysates stained with ARG11088 anti-Nurr1 antibody at 1:500 dilution.