

Rabbit Nurr1 Polyclonal Antibody | anti-NR4A2 antibody

Anti-Nurr1 Antibody

CATALOG # AAA72776	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

Nurr1; Polyclonal Antibody; Anti-Nurr1 Antibody; 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; anti-NR4A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Reacts with an internal sequence of the human Nurr1 protein. Also reacts with rat and mouse Nurr1.
Form/Format	Liquid; Antigen Affinity Purified; PBS + 0.02% NaN3
Applicable Applications for anti-NR4A2 antibody	WB (Western Blot)
Immunogen Species	Human
Immunogen	Synthetic peptide corresponding to amino acids from an internal sequence of the human Nurr1 protein
Country of Origin	United States
Preparation and Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20 degree C or -80 degree C, while keeping a working aliquot stored at 4 degree C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year. After date of receipt, stable for at least 1 year at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot of 20 ug of human hippocampus tissue lysate (lanes 2 and 4) showing specific immunolabeling of Nurr1. Peptide absorption control lane 3.



IHC (Immunohistochemistry)

Immunohistochemistry of adult rat brain hippocampus showing specific staining of Nurr1. Tissue was fixed in paraformaldehyde and cut into 20 micron sections.

ADDITIONAL INFORMATION

Related Product Information for anti-NR4A2 antibody	Nurr1 rabbit polyclonal primary antibody from the lab is produced in-house. It detects human, mouse, and rat Nurr1 and is antigen affinity purified. It is great for use in WB. 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. Nurr1 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, Nurr1 is involved in the regulation of corticotropin-releasing hormone (CRH), which may be linked to and associated with rheumatoid arthritis.
Product Categories/Family for anti-NR4A2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	187423888
NCBI GeneID	4929
NCBI Accession #	NP_006177.1
NCBI GenBank Nucleotide #	NM_006186
UniProt Accession #	P43354; Q16311; Q53RZ2; Q6NXU0
Molecular Weight	59,809 Da
NCBI Official Full Name	Homo sapiens nuclear receptor subfamily 4, group A, member 2 (NR4A2), mRNA
NCBI Official Synonym Full Names	nuclear receptor subfamily 4, group A, member 2
NCBI Official Symbol	NR4A2
NCBI Official Synonym Symbols	NOT; RNR1; HZF-3; NURR1; TINUR
NCBI Protein Information	nuclear receptor subfamily 4 group A member 2; NGFI-B/nur77 beta-type transcription factor homolog; T-cell nuclear receptor NOT; immediate-early response protein NOT; intermediate-early receptor protein; nuclear receptor related 1; nur related protein-1,
UniProt Protein Name	Nuclear receptor subfamily 4 group A member 2
UniProt Gene Name	NR4A2
UniProt Synonym Gene Names	NOT; NURR1; TINUR
UniProt Entry Name	NR4A2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.