

Rabbit Nurr1/NR4A2 Polyclonal Antibody | anti-Nurr1/NR4A2 antibody

Nurr1/NR4A2 Antibody

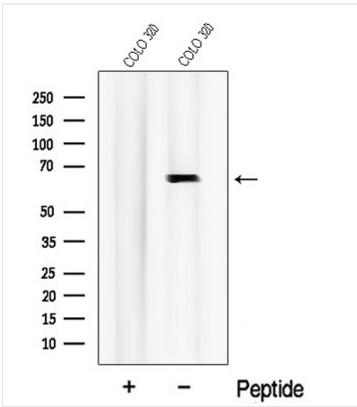
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328694	Rabbit	HumanPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

PRODUCT SYNONYMS

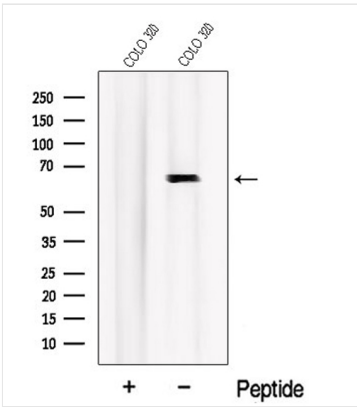
Nurr1/NR4A2; Polyclonal Antibody; Nurr1/NR4A2 Antibody; HZF 3; HZF3; Immediate-early response protein NOT; Intermediate early receptor protein; NGFI B/nur77 beta type transcription factor homolog; NOT; Nr4a2; NR4A2_HUMAN; nuclear receptor of T cells; nuclear receptor related 1; Nuclear receptor subfamily 4 group A member 2; Nur related protein 1 homolog; nur related protein-1; human homolog of; Nurr 1; Orphan nuclear receptor NR4A2; Orphan nuclear receptor NURR1; RNR 1; RNR1; T cell nuclear receptor NOT; T-cell nuclear receptor NOT; TINUR; Transcriptionally inducible nuclear receptor; Transcriptionally inducible nuclear receptor related; Transcriptionally inducible nuclear receptor related 1; Transcriptionally-inducible nuclear receptor; anti-Nurr1/NR4A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Nurr1/NR4A2 Antibody detects endogenous levels of Nurr1/NR4A2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	598
Applicable Applications for anti-Nurr1/NR4A2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human Nurr1/NR4A2.
Tissue Specificity	Expressed in a number of cell lines of T-cell, B-cell and fibroblast origin. Strong expression in brain tissue.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from COLO 320 cells, using Nurr1/NR4A2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using Nurr1/NR4A2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-Nurr1/NR4A2 antibody	Description: 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).
	Subunit Structure: Interacts with SFPQ, NCOR2, SIN3A and HADC1. The interaction with NCOR2 increases in the absence of PITX3. Interacts with PER2 (By similarity).
	Similarity: the ligand-binding domain (LBD) contains no cavity as a result of the tight packing of side chains from several bulky hydrophobic residues in the region normally occupied by ligands. NR4A2 lacks a 'classical' binding site for coactivators (PubMed:12774125). Belongs to the nuclear hormone receptor family. NR4 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453822
NCBI GeneID	4929
NCBI Accession #	NP_006177.1
NCBI GenBank Nucleotide #	NP_006177.1
UniProt Accession #	P43354
Molecular Weight	Observed: 66 kDa Predicted: 67 kDa
NCBI Official Full Name	nuclear receptor subfamily 4 group A member 2 isoform a
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nurr1-nr4a2-antibody-western-blot-elisa/328694>