

Product datasheet for **TA343588**

Nurr1 (NR4A2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB, IHC
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NR4A2 antibody: synthetic peptide directed towards the N terminal of human NR4A2. Synthetic peptide located within the following region: MPCVQAQYGSSPQGASPASQSYSYHSSGEYSSDFLTPEFVKFSMDLTNTE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	66 kDa
Gene Name:	nuclear receptor subfamily 4 group A member 2
Database Link:	NP_006177 Entrez Gene 18227 Mouse Entrez Gene 4929 Human P43354



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Background:

NR4A2 is a member of the steroid-thyroid hormone-retinoid receptor superfamily. The protein may act as a transcription factor. Mutations in NR4A2 gene have been associated with disorders related to dopaminergic dysfunction, including Parkinson disease, schizophrenia, and manic depression. Misregulation of NR4A2 gene may be associated with rheumatoid arthritis. 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. Four transcript variants encoding four distinct isoforms have been identified for this gene. Additional alternate splice variants may exist, but their full length nature has not been determined. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

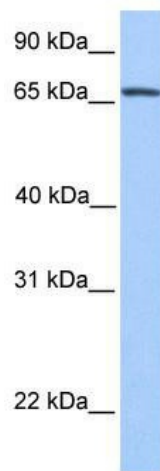
HZF-3; NOT; NURR1; RNR1; TINUR

Note:

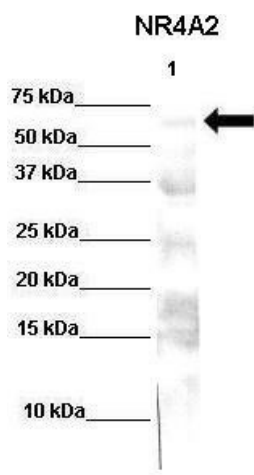
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Families:

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:

WB Suggested Anti-NR4A2 Antibody Titration: 1 ug/ml; Positive Control: Hela cell lysate



Lanes: Lane 1: Nuclear fraction from mouse cortex; Primary Antibody Dilution: 1: 400; Secondary Antibody: Goat anti rabbit-HRP; Secondary Antibody Dilution: 1: 10, 000; Gene Name: NR4A2; Submitted by: Sorce Silvia, University of Zurich