

Rabbit NR4A2 Polyclonal Antibody | anti-NR4A2 antibody

NR4A2 antibody - N-terminal region

CATALOG # AAA198385	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

NR4A2; Polyclonal Antibody; NR4A2 antibody - N-terminal region; anti-NR4A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: MP CVQAQYGSSP QGASPASQSY SYHSSGEYSS DFLTPEFVKF SMDLTNTE
Sequence Length	598
Applicable Applications for anti-NR4A2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NR4A2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



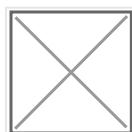
WB (Western Blot)

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



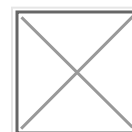
WB (Western Blot)

Lanes : Lane 1: Nuclear fraction from mouse substantia nigra
Lane 2: Nuclear fraction from mouse substantia nigra
Lane 3: Nuclear fraction from mouse cortex
Lane 4: 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



IHC (Immunohistochemistry)

Immunohistochemistry of formalin-fixed, paraffin-embedded human kidney tissue after heat-induced antigen retrieval. NR4A2 Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Immunohistochemistry of formalin-fixed, paraffin-embedded human adrenal tissue after heat-induced antigen retrieval. NR4A2 Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-NR4A2 antibody	This is a rabbit polyclonal antibody against NR4A2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-NR4A2 antibody	Polyclonal; Transcription Factor; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Transcription Regulation; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors; Hypoxia; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453822
NCBI GeneID	4929
NCBI Accession #	NP_006177
NCBI GenBank Nucleotide #	NM_006186
UniProt Accession #	P43354
Molecular Weight	66kDa
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.