

Datasheet for ABIN2777552  
**anti-NR4A2 antibody (C-Term)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	NR4A2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Guinea Pig, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NR4A2
Sequence:	NGGLNRPNYL SKLLGKLPEL RTLCTQGLQR IFYLKLEDLV PPPAIIDKLF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against NR4A2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	NR4A2
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## Target Details

Alternative Name:	NR4A2 ( <a href="#">NR4A2 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: HZF-3, NOT, NURR1, RNR1, TINUR</p> <p>Protein Interaction Partner: CDKN2D, TCEAL5, BAZ1B, ELAVL1, COPS5, RXRB, RXRA, RUNX1, SMARCA4, SMARCA2, SIN3A, NCOR2, SFPQ, PIAS4, RPS6KA1, CDKN1C, RARB, RARA, CREB1,</p> <p>Protein Size: 598</p>
Molecular Weight:	66 kDa
Gene ID:	4929
NCBI Accession:	<a href="#">NM_006186</a> , <a href="#">NP_006177</a>
UniProt:	<a href="#">P43354</a>
Pathways:	<a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 598 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific

## Handling

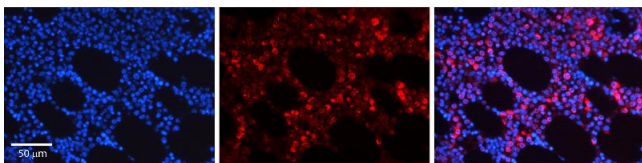
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-NR4A2 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



### Immunohistochemistry

**Image 2.** Rabbit Anti-NR4A2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Bone Marrow Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:600 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec