

Datasheet for ABIN2460549

anti-NR4A2 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	NR4A2
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NR4A2.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	NR4A2
Alternative Name:	NR4A2 (NR4A2 Products)
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

Target Details

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.

Molecular Weight: 66 kDa, 64 kDa, 68 kDa, 64 kDa, 65 kDa, 60 kDa, 68 kDa, 70 kDa

Gene ID: 4929

NCBI Accession: [NP_006177](#)

UniProt: [P43354](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Dopaminergic Neurogenesis](#), [Steroid Hormone Mediated Signaling Pathway](#)

Application Details

Application Notes: NR4A2 antibody can be used for detection of NR4A2 by ELISA at 1:62500. NR4A2 antibody can be used for detection of NR4A2 by western blot at 0.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

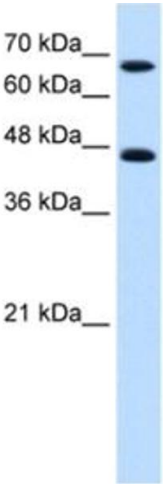
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store NR4A2 antibody at -20 °C.



Western Blotting

Image 1.