

Datasheet for ABIN630504 **anti-NR4A1 antibody (Middle Region)**



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Overview

Quantity:	100 µL
Target:	NR4A1
Binding Specificity:	Middle Region
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NR4 A1 antibody was raised using the middle region of NR4 1 corresponding to a region with amino acids FQKCLAVGMVKEVVRTDSLKGRRGRLPSKPKQPPDASPANLLTSLVRAHL
Specificity:	NR4 A1 antibody was raised against the middle region of NR4 1
Purification:	Affinity purified

Target Details

Target:	NR4A1
Alternative Name:	NR4A1
Background:	NR4A1 encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor.

Target Details

Translocation of the protein from the nucleus to mitochondria induces apoptosis. This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Molecular Weight: 64 kDa (MW of target protein)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Nuclear Receptor Transcription Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: NR4A1 Blocking Peptide, (ABIN938418), is also available for use as a blocking control in assays to test for specificity of this NR4A1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NR0 1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.