

## Datasheet for ABIN931119 **anti-NR4A2 antibody**

### 1 Image



[Go to Product page](#)

### Overview

Quantity:	50 µg
Target:	NR4A2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NR4A2 antibody is un-conjugated
Application:	Western Blotting (WB), Dot Blot (DB)

### Product Details

Immunogen:	NR4 A2 antibody was raised in mouse using recombinant Human Nuclear Receptor Subfamily 4, Group A, Member 2
Clone:	447C2a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

### Target Details

Target:	NR4A2
Alternative Name:	NR4A2 ( <a href="#">NR4A2 Products</a> )

## Target Details

---

**Background:** 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. Synonyms: Monoclonal NR4A2 antibody, Anti-NR4A2 antibody, Nuclear receptor subfamily 4 group A member 2 antibody, NOT antibody, RNR1 antibody, HZF-3 antibody, NURR1 antibody, TINUR antibody.

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

## Application Details

---

**Application Notes:** WB: 0.2-2 µg/mL  
Optimal conditions should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

---

**Concentration:** Lot specific

**Buffer:** NR4 A2 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> HPO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

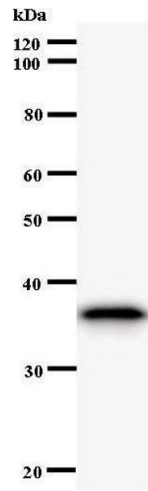
**Preservative:** Sodium azide

**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.  
Dilute only prior to immediate use.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



## Western Blotting

Image 1.