

Datasheet for ABIN6944345

**anti-NR4A2 antibody (AA 331-430) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                    |
| Target:              | NR4A2                                                                                                                                     |
| Binding Specificity: | AA 331-430                                                                                                                                |
| Reactivity:          | Human, Mouse, Rat                                                                                                                         |
| Host:                | Rabbit                                                                                                                                    |
| Clonality:           | Polyclonal                                                                                                                                |
| Conjugate:           | This NR4A2 antibody is conjugated to HRP                                                                                                  |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Nurr1 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Human, Mouse, Rat                                         |
| Predicted Reactivity: | Cow                                                       |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | NR4A2                                    |
| Alternative Name: | Nurr1 ( <a href="#">NR4A2 Products</a> ) |

## Target Details

**Background:** Synonyms: Nur-related factor 1, Nuclear receptor-related factor 1, Orphan nuclear receptor NR4A2, Orphan nuclear receptor NURR1, Regenerating liver nuclear receptor 1, RNR-1, SL-322, Nuclear orphan receptor HZF-3, T-cell nuclear receptor NOT,HZF 3, HZF3, Immediate-early response protein NOT, Intermediate early receptor protein, NGFI B/nur77 beta type transcription factor homolog, NOT, NR4A2, NR4A2\_HUMAN, Nuclear receptor subfamily 4 group A member 2, Nur related protein 1 homolog, Nurr 1,RNR 1, RNR1, TINUR, Transcriptionally inducible nuclear receptor, Transcriptionally inducible nuclear receptor related, Transcriptionally inducible nuclear receptor related 1, Transcriptionally-inducible nuclear receptor.

Background: Nuclear receptor and transcription factor, plays a role in development and maintenance of neurons synthesizing the neurotransmitter dopamine 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.

|           |                                                                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID:  | 4929                                                                                                                                                            |
| 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: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                               |

## Handling

|                |                                                                                                             |
|----------------|-------------------------------------------------------------------------------------------------------------|
| Format:        | Liquid                                                                                                      |
| Concentration: | 1 µg/µL                                                                                                     |
| Buffer:        | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |

## Handling

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|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |