

Datasheet for ABIN334451  
**anti-NR4A1 antibody (Internal Region)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	NR4A1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	Nur77 / TR3 (isoform a)
Immunogen:	Peptide with sequence C-GRLPSKPKQPPDAS, from the internal region of the protein sequence according to NP_002126.2, NP_775180.1.
Sequence:	GRLPSKPKQP PDAS
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoform a (NP_002126.2 and NP_775180.1) only.
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	NR4A1
Alternative Name:	NR4A1 ( <a href="#">NR4A1 Products</a> )
Background:	NR4A1, NUR77, nuclear receptor subfamily 4, group A, member 1 , GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, TR3 , TR3 orphan receptor, early response protein NAK1, growth factor-inducible nuclear protein N10, hormone receptor, orphan nuclear receptor HM
Gene ID:	3164, 15370, 79240
NCBI Accession:	<a href="#">NP_002126</a> , <a href="#">NP_775180</a>
Pathways:	<a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Breast. Recommended concentration: 5 µg/mL.  Western Blot: Approx 60 kDa band observed in Human Thyroid gland lysates (calculated MW of 64.5 kDa according to NP_002126.2 and NP_775180.1). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour.  Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

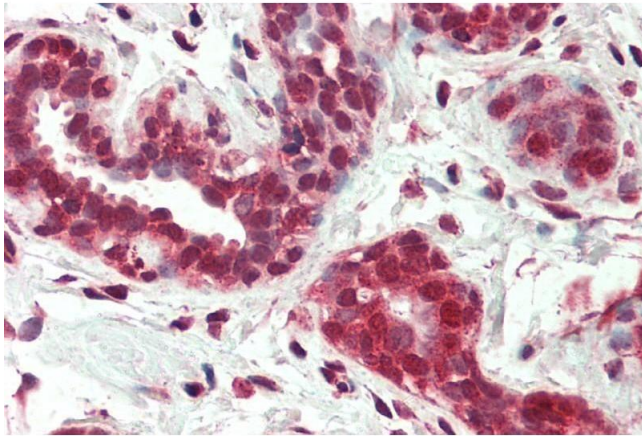
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C

## Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Images



### Immunohistochemistry

**Image 1.** ABIN334451 (5µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



### Western Blotting

**Image 2.** ABIN334451 (2µg/ml) staining of Human Thyroid lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.