

Datasheet for ABIN2469316

anti-NR4A1 antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.05 mg
Target:	NR4A1
Binding Specificity:	Internal Region
Reactivity:	Human, Horse, Monkey, Gibbon, Orang-Utan
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	NR4A1 antibody was raised against a peptide located near the internal domain of NR4A1 (Human).
Specificity:	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	NR4A1
Alternative Name:	NR4A1 (NR4A1 Products)
Background:	Nak1, a NR4 Nerve Growth Factor-Like receptor, has been shown to affect the hypothalamic-pituitary axis, neuronal differentiation, neuroendocrine regulation of adrenocortical function, and T-cell apoptosis. Nak1 also is known as nuclear receptor Tr3 and is similar to mouse Nur77 and

Target Details

rat NGFI-B. It is encoded by one of the immediate early genes (IEG) in response to nerve growth factor and other serum growth factors. Nak1 can bind to DNA as a monomer, homodimer, or heterodimer (with retinoid X receptors). Nak1 has been shown to inhibit vascular lesion formation and could serve as a novel target in the treatment of vascular diseases.

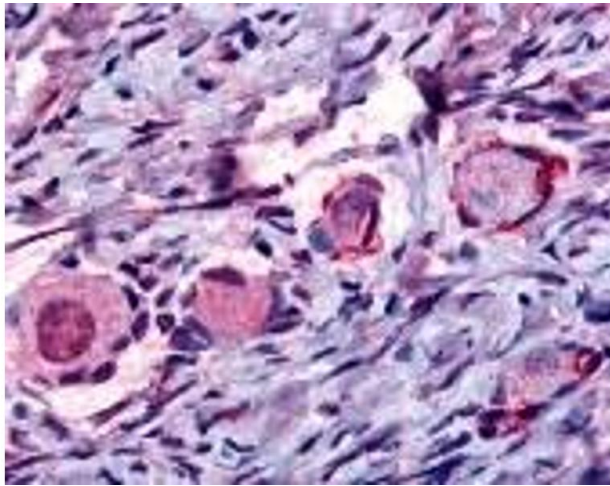
Gene ID:	3164
UniProt:	P22736
Pathways:	Fc-epsilon Receptor Signaling Pathway , Nuclear Receptor Transcription Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	NR4A1 antibody can be used in ELISA, Western Blot, immunohistochemistry starting at 5 µg/mL, and immunofluorescence starting at 10 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, 0.1 % sodium azide.
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:	As with all antibodies avoid freeze/thaw cycles.
Storage:	4 °C/-80 °C
Storage Comment:	NR4A1 antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C.



Immunohistochemistry

Image 1.