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NR4A1 Polyclonal Antibody

Catalog Number **PA5-13296**

Product data sheet

Details	
Size	400 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	KLH conjugated synthetic peptide between 329-358 amino acids from human NUR77(NR4A1)
Conjugate	Unconjugated
Form	Liquid
Concentration	Lot-specific
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Western Blot (WB)	1:1,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

This antibody is predicted to react with mouse and rat based on sequence homology.

Background/Target Information

NR4A1 is a member of the steroid-thyroid hormone-retinoid receptor superfamily. NGFI-B-alpha is expressed in brain, adrenal, thyroid, liver, testis, ovary, thymus, muscle, lung and prostate. Its expression is induced in response to various stress stimuli and growth factors. The encoded protein acts as a nuclear transcription factor involved in mediating apoptotic signaling in thymocytes and tumor cells, as well as having a role in signaling in the hypothalamic-pituitary axis. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Three transcript variants encoding two distinct isoforms have been identified for this NR4A1. Variant (3), also known as TRC beta, contains multiple differences compared to variant 1. The resulting isoform b contains a shorter and distinct C-terminus compared to isoform a. RXR has been shown to be a partner for NR4A1.

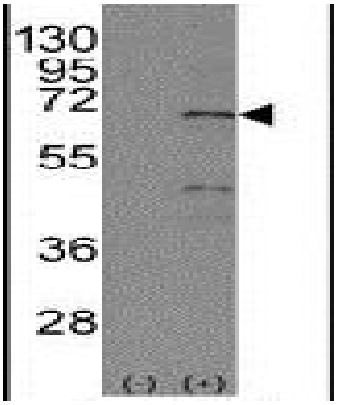
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Product Images For NR4A1 Polyclonal Antibody



NR4A1 Antibody (PA5-13296) in WB

Western blot analysis of NR4A1 (arrow) using a NUR77 polyclonal antibody (Product # PA5-13296) in 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the NR4A1 gene (Lane 2).

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