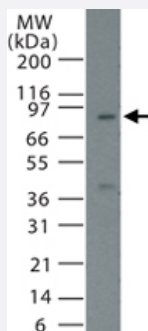


NR4A1 polyclonal antibody

Catalog # PAB0352

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of NR4A1 in 15 ugs of NIH/3T3 cell lysate. Using NR4A1 polyclonal antibody (Cat # PAB0352) at 1 : 500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NR4A1.
Immunogen	A synthetic peptide corresponding to amino acids 251-266 of human NR4A1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.05% sodium azide, 0.2% gelatin
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of NR4A1 in 15 ugs of NIH/3T3 cell lysate. Using NR4A1 polyclonal antibody (Cat # PAB0352) at 1 : 500 dilution.

- Immunocytochemistry

- Immunofluorescence

Gene Info — NR4A1

Entrez GeneID	3164
Gene Name	NR4A1
Gene Alias	GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3
Gene Description	nuclear receptor subfamily 4, group A, member 1
Omim ID	139139
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Other Designations	TR3 orphan receptor early response protein NAK1 growth factor-inducible nuclear protein N10 hormone receptor orphan nuclear receptor HMR steroid receptor TR3

Publication Reference

- [Insulin promotes hepatocarcinoma tumorigenesis by up-regulating PKM2 expression.](#)

Jingjing Liu, Qiang Zhi, Yunpeng Liu, Ying Wang, Linlin Chen, Yuhao Ke, Lingsu Zeng, Xiaoling Wu, Xiaoning Yang, Bayasi Guleng, Hao Liu, Jianlin Ren.

Experimental Cell Research 2021 Nov; 408(2):112872.

Application: WB, Human, HepG2 cells

- [Activation of Nur77 by selected 1,1-Bis\(3'-indolyl\)-1-\(p-substituted phenyl\)methanes induces apoptosis through nuclear pathways.](#)

Chintharlapalli S, Burghardt R, Papineni S, Ramaiah S, Yoon K, Safe S.

The Journal of Biological Chemistry 2005 May; 280(26):24903.

Pathway

- [MAPK signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Narcolepsy](#)
- [Schizophrenia](#)