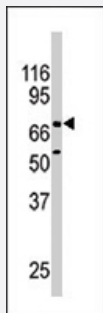


NR4A2 polyclonal antibody

Catalog # PAB4496

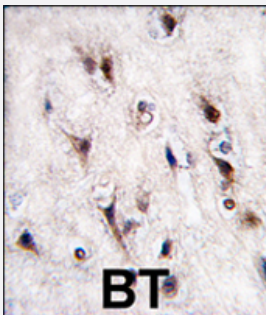
Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of NR4A2 polyclonal antibody (Cat # PAB4496) in mouse brain tissue lysate . NR4A2 (arrow) was detected using the purified NR4A2 polyclonal antibody (Cat # PAB4496) .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human brain tissue reacted with NR4A2 polyclonal antibody (Cat # PAB4496) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NR4A2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human NR4A2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation

Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
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 (Tissue lysate)

Western blot analysis of NR4A2 polyclonal antibody (Cat # PAB4496) in mouse brain tissue lysate . NR4A2 (arrow) was detected using the purified NR4A2 polyclonal antibody (Cat # PAB4496) .

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — NR4A2

Entrez GeneID	4929
Protein Accession#	P43354
Gene Name	NR4A2
Gene Alias	HZF-3, NOT, NURR1, RNR1, TINUR
Gene Description	nuclear receptor subfamily 4, group A, member 2
Omim ID	168600 601828
Gene Ontology	Hyperlink

Gene Summary

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. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

Other Designations

NGFI-B/nur77 beta-type transcription factor homolog[T-cell nuclear receptor NOT]intermediate-early receptor protein[nur related protein-1, human homolog of]orphan nuclear receptor NURR1[transcriptionally inducible nuclear receptor related 1]

Publication Reference

- [Nur77 family of nuclear hormone receptors.](#)

Hsu HC, Zhou T, Mountz JD.

Current Drug Targets. Inflammation and Allergy 2004 Dec; 3(4):413.

Application: IHC, WB, Human, Mouse, Embryos

- [Nurr1, an orphan nuclear receptor with essential functions in developing dopamine cells.](#)

Perlmann T, Wallen-Mackenzie A.

Cell and Tissue Research 2004 Oct; 318(1):45.

Application: IHC, WB, Human, Mouse, Dopamine cells

- [Nurr1-RXR heterodimers mediate RXR ligand-induced signaling in neuronal cells.](#)

Wallen-Mackenzie A, Mata de Urquiza A, Petersson S, Rodriguez FJ, Friling S, Wagner J, Ordentlich P, Lengqvist J, Heyman RA, Arenas E, Perlmann T.

Genes & Development 2003 Dec; 17(24):3036.

Application: Incubated, Recombinant protein

Disease

- [Alcoholism](#)
- [Antisocial Personality Disorder](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Calcinosis](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
- [Lewy Body Disease](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Opioid-Related Disorders](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)