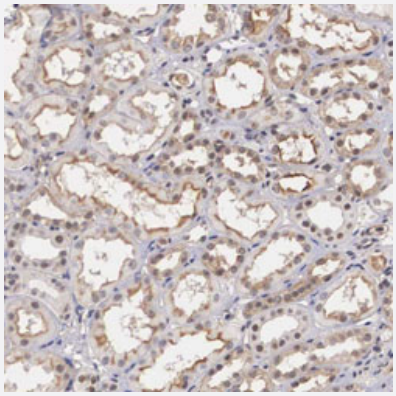
NR4A2 polyclonal antibody

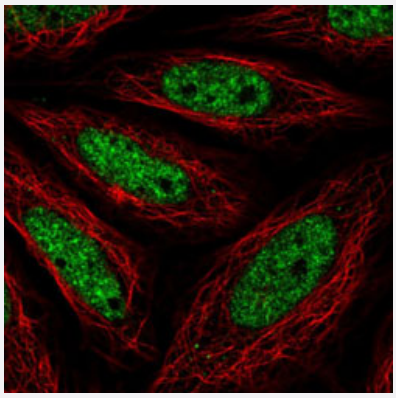
Catalog # PAB30608 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with NR4A2 polyclonal antibody (Cat # PAB30608) shows moderate membranous and nuclear positivity in cells in tubules.



Immunofluorescence

Immunofluorescent staining of SiHa cells with NR4A2 polyclonal antibody (Cat # PAB30608) (Green) shows positivity in nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human NR4A2.
Immunogen	Recombinant protein corresponding to human NR4A2.
Sequence	VQAQYGSSPQGASPASQSYSYHSSGEYSSDFLTPEFVKFSMDLTNTEITATTSLPSFSTFMDNYS TGYDVKPPCLYQMPLSGQQSSIKVEDIQMHNYQQHSHLPPQSEEMMPHSGSVYYKP
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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 shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with NR4A2 polyclonal antibody (Cat # PAB30608) shows moderate membranous and nuclear positivity in cells in tubules.

- Immunofluorescence

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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, schizophernia, 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

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