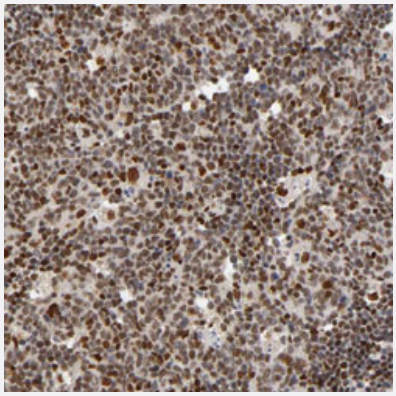
NR3C1 polyclonal antibody

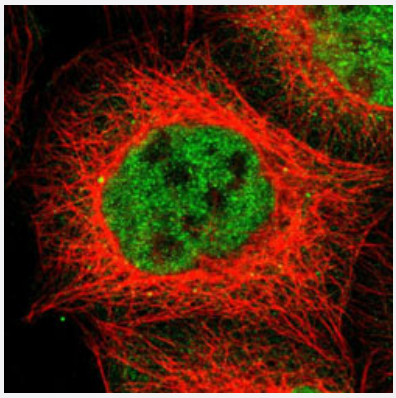
Catalog # PAB30689 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymph node with NR3C1 polyclonal antibody (Cat # PAB30689) shows strong nuclear positivity in reaction center cells.



Immunofluorescence

Immunofluorescent staining of A-431 cells with NR3C1 polyclonal antibody (Cat # PAB30689) (Green) shows positivity in cytoplasm and nucleus but excluded from the nucleoli.



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with NR3C1 polyclonal antibody (Cat # PAB30689).

Specification

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Product Description	Rabbit polyclonal antibody raised against partial recombinant human NR3C1.
Immunogen	Recombinant protein corresponding to human NR3C1.
Sequence	DSKESLTPGREENPSSVLAQERGDVMDFYKTLRGGATVKVSASSPSLAVASQSDSKQRRLLVD FPKGSVSNAQQPDLSKAVSLSMGLYMGETETKVMGNDLGFPQQGQISLSSGETDLKLLEESIANL NRSTSVPENPKSSASTAVSA
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) (1:50-1:200) Western Blot (1:100-1:250) 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)

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  Immunofluorescent staining of A-431 cells with NR3C1 polyclonal antibody (Cat # PAB30689) (Green) shows positivity in cytoplasm and nucleus but excluded from the nucleoli.

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Gene Info — NR3C1

Entrez GeneID	2908
Protein Accession#	P04150
Gene Name	NR3C1
Gene Alias	GCCR, GCR, GR, GRL
Gene Description	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)
Omim ID	138040
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a receptor for glucocorticoids that can act as both a transcrip tion factor and as a regulator of other transcription factors. This protein can also be found in heter omeric cytoplasmic complexes along with heat shock factors and immunophilins. The protein is ty pically found in the cytoplasm until it binds a ligand, which induces transport into the nucleus. Mutat ions in this gene are a cause of glucocorticoid resistance, or cortisol, resistance. Alternate splicin g, the use of at least three different promoters, and alternate translation initiation sites result in sev eral transcript variants encoding the same protein or different isoforms, but the full-length nature of some variants has not been determined. [provided by RefSeq
Other Designations	nuclear receptor subfamily 3, group C, member 1

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Abortion
- Addison Disease
- Adenoma

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- Adrenal Gland Neoplasms
- Adrenal hyperplasia
- Arthritis
- Asthma
- Atherosclerosis
- Bipolar Disorder
- Birth Weight
- Breast cancer
- Bronchiolitis
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Cerebral Arterial Diseases
- Cerebral Infarction
- Chronic Disease
- Cleft Lip
- Cleft Palate
- Cognition
- Colitis
- Colorectal Neoplasms
- Combat Disorders
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Disease
- Crohn Disease

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- Cushing Syndrome
- Cystic fibrosis
- Dementia
- Demyelinating Diseases
- Depressive Disorder
- Diabetes Mellitus
- Disease Models
- Disease Progression
- Disease Susceptibility
- Drug Toxicity
- Ductus Arteriosus
- Dyslipidemias
- Edema
- Fatigue
- Fatigue Syndrome
- Fetal Diseases
- Fractures
- Genetic Predisposition to Disease
- Glaucoma
- Glucose Intolerance
- Graves Ophthalmopathy
- Growth Disorders
- Guillain-Barre Syndrome
- HELLP Syndrome
- Hirsutism
- Hyperandrogenism

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- Hypercholesterolemia
- Hyperlipoproteinemia Type II
- Hypertension
- Infant
- Infection
- Infertility
- Inflammation
- Insulin Resistance
- Kidney Failure
- Leukemia
- Lung Diseases
- Lupus Erythematosus
- Lymphoma
- Memory
- Mental Disorders
- Mental Processes
- Metabolic Syndrome X
- Mood Disorders
- Multiple Organ Failure
- Multiple Sclerosis
- Musculoskeletal Diseases
- Myasthenia Gravis
- Myocardial Infarction
- Neoplasms
- Nephrotic Syndrome
- Neuropsychological Tests

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- Obesity
- Ocular Hypertension
- Osteonecrosis
- Osteoporosis
- Ovarian cancer
- Ovarian Failure
- Pain
- Pituitary Neoplasms
- Polycystic Ovary Syndrome
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Proteinuria
- Pseudomonas Infections
- Psoriasis
- Psychiatric Status Rating Scales
- Psychophysiologic Disorders
- Psychotic Disorders
- Puberty
- Pulmonary Disease
- Reaction Time
- Recognition (Psychology)
- Recurrence
- Respiratory Distress Syndrome

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- Respiratory Syncytial Virus Infections
- Retinal Diseases
- Schizophrenia
- Sepsis
- Skin Diseases
- Skin Neoplasms
- Sleep Disorders
- Somatoform Disorders
- Stomach Neoplasms
- Stress
- Stress Disorders
- Thrombophilia
- Tobacco Use Disorder
- Ventricular Dysfunction
- Weight Gain
- Wounds and Injuries

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