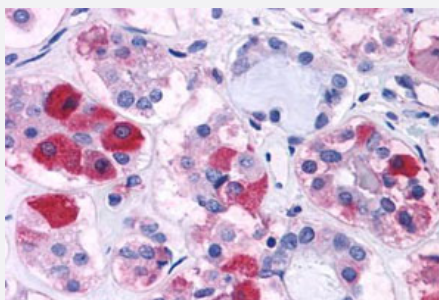


CRHR1 polyclonal antibody

Catalog # PAB26157

Size 50 ug

Applications



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

Immunohistochemical staining of human pituitary with CRHR1 polyclonal antibody (Cat # PAB26157).

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CRHR1.
Immunogen	A synthetic peptide corresponding to 16 amino acids at N-terminus of human CRHR1.
Host	Rabbit
Reactivity	Hamster, Human, Monkey, Mouse, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) 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 -80°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

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Gene Info — CRHR1

Entrez GeneID [1394](#)

Protein Accession# [P34998](#)

Gene Name CRHR1

Gene Alias CRF-R, CRF1, CRFR1, CRH-R1h, CRHR, CRHR1f

Gene Description corticotropin releasing hormone receptor 1

Omim ID [122561](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a G-protein coupled receptor that binds neuropeptides of the corticotropin releasing hormone family that are major regulators of the hypothalamic-pituitary-adrenal pathway. The encoded protein is essential for the activation of signal transduction pathways that regulate diverse physiological processes including stress, reproduction, immune response and obesity. Alternative splicing results in multiple transcript variants

Other Designations CRF1 receptor isoform I variant B|corticotropin releasing hormone receptor variant 1h|corticotropin-releasing factor receptor|seven transmembrane helix receptor

Pathway

- [Long-term depression](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Brain Diseases](#)
- [Bronchial Hyperreactivity](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Chromosome Inversion](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Connective Tissue Diseases](#)
- [Craniofacial Abnormalities](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fatigue Syndrome](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)

- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Inversion](#)
- [Mental Disorders](#)
- [Mouth Abnormalities](#)
- [Musculoskeletal Diseases](#)
- [Neurodegenerative Diseases](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Panic Disorder](#)
- [Personality Disorders](#)
- [Personality Inventory](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psychiatric Status Rating Scales](#)
- [Psychophysilogic Disorders](#)

- [Psychotic Disorders](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Skin Diseases](#)
- [Sleep Disorders](#)
- [Somatoform Disorders](#)
- [Stress](#)
- [Supranuclear Palsy](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Vaginitis](#)