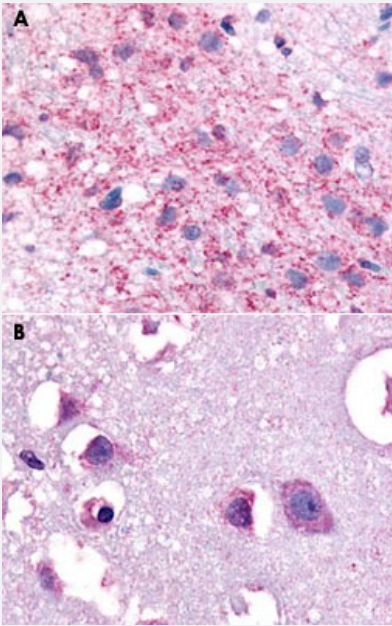


CRHR1 polyclonal antibody

Catalog # PAB26102

Size 50 ug

Applications



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

Immunohistochemical staining of rat hypothalamus (A) and human human brain, neurons and glia (B) with CRHR1 polyclonal antibody (Cat # PAB26102). 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 17 amino acids at N-terminus of human CRHR1.
Host	Rabbit
Reactivity	Human, 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) (13 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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Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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