



CRHR1 Antibody

CATALOG NUMBER: 45-431

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	ELISA, IF, IHC-P
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Preliminary experiments in human colon, duodenum and placenta lysates gave no specific signal but low background (at antibody concentration up to 1ug/ml). We would appreciate any feedback from people in the field - have any results been rep Immunohistochemistry: This product is successfully used in immunohistochemistry on mouse brain. Immunofluorescence: This product is successfully used in immunofluorescence on mouse brain.
IMMUNOGEN:	CRHR1 antibody was raised against a 14 amino acid synthetic peptide near the internal region of CRHR1 (aa 250 - 263).
HOST SPECIES:	Goat

Properties

PURIFICATION:	CRHR1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	CRHR1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	CRHR1, corticotropin releasing hormone receptor 1, CRF-R, CRF1, CRFR1, CRH-R1h, CRHR, CRHR1f, corticotropin releasing hormone receptor variant 1h, seven transmembrane helix receptor, CRFR
ACCESSION NO.:	NP_004373.2
PROTEIN GI NO.:	19923245
OFFICIAL SYMBOL:	CRHR1
GENE ID:	1394

Background

REFERENCES:	1) Ungless MA, Singh V, Crowder TL, Yaka R, Ron D, Bonci A. Corticotropin-releasing factor requires CRF binding protein to potentiate NMDA receptors via CRF receptor 2 in dopamine neurons. Neuron. 2003 Jul 31;39(3):401-7.
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