

Product datasheet for AP01194PU-S

LINC02210-CRHR1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, IF, WB

Recommended Dilution: Western blot: 1/500-1/1000.

Immunofluorescence: 1/50-1/200.

Immunohistochemistry on Paraffin Sections: 1/50-1/200.

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Immunogen: Synthetic peptide, corresponding to amino acids 150-200 of Human CRF-RI.

Specificity: This antibody detects endogenous levels of CRF-RI protein. (region surrounding His177)

Formulation: Phosphate buffered saline (PBS), pH~7.2

State: Aff - Purified

State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE).

Preservative: 0.05% Sodium Azide

Concentration: 1.0 mg/ml

Purification: Affinity Chromatography using epitope-specific immunogen.

Conjugation: Unconjugated

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: One year from despatch.

Predicted Protein Size: ~50 kDa

Gene Name: LINC02210-CRHR1 readthrough

Database Link: Entrez Gene 104909134 Human

P34998



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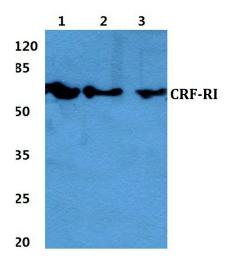
Background:

A high affinity CRF binding protein, designated CRF-BP, has been discovered in postmortem brain samples from AD patients. CRF-BP serves to bind and inactivate CRF, reducing the pool of "free CRF" available to bind CRFRs. Two CRF receptors, designated CRF-RI and CFR-RII, exhibit distinct brain localizations. Two forms of CFR-RII, designated CFR-RII α and CFR-RII β , result from alternative mRNA splicing. Urocortin, an additional member of the CRF family, shares 63% sequence identity with urotensin and 45% sequence identity with CRF. Urocortin specifically binds to and activates CRF-RI and CRF-RII, but binds to CRF-RII more efficiently than CRF, suggesting that it may be the true, high affinity ligand for the CRF receptor type II.

Synonyms:

CRHR-1, CRFR, CRFR1, CRHR, Corticotropin-releasing factor receptor 1, CRF-R, CRF1, Corticotropin-releasing hormone receptor 1, CRH-R 1

Product images:



Western blot (WB) analysis of CRF-RI antibody at 1/500 dilution; Lane 1:A549 whole cell lysate; Lane 2:Raw264.7 whole cell lysate; Lane 3:PC12 whole cell lysate