

CRF-R1 (H177) polyclonal antibody

Catalog: BS2590

Host: Rabbit

Reactivity: Human, Mouse, Rat

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-R1 and CRF-R2, exhibit distinct brain localizations. Two forms of CRF-R2, designated CRF-R2 α and CRF-R2 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-R1 and CRF-R2, but binds to CRF-R2 more efficiently than CRF, suggesting that it may be the true, high affinity ligand for the CRF receptor type II.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P34998

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CRF-R1 (H177) polyclonal antibody detects endogenous levels of CRF-R1 protein.

DATA:



Western blot (WB) analysis of CRF-R1 (H177) pAb at 1:1000 dilution

Lane1: L02 whole cell lysate(20ug)

Lane2: MCF-7 whole cell lysate(20ug)

Lane3: A549 whole cell lysate(40ug)

Lane4: C6 whole cell lysate(40ug)

Lane5: BV2 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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