CRF-RI (H177) polyclonal antibody

Catalog: BCP00570 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-RI and CFR-RII, exhibit distinct brain localizations.Two forms of CFR-RII, designated CFR-RIIα and CFR-RIIβ, 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 lig-and for the CRF receptor type II.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P34998

Purification&Purity:

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

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

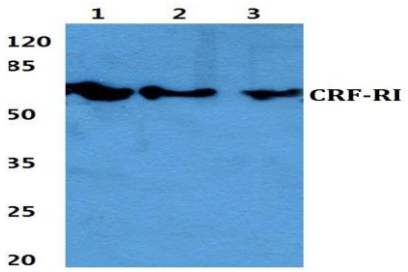
Storage&Stability:

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

Specificity:

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

DATA:



Western blot (WB) analysis of CRF-RI (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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