

RLN3 polyclonal antibody

Catalog: BS60503

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Relaxin 3 is part of the Relaxin-like peptide family that plays an important neuropeptide signaling role. Relaxin 3 is a ligand for two structurally related G protein-coupled receptors, human Relaxin receptor 3 and Relaxin receptor 4. The greatest levels of Relaxin 3 expression occur in the brain, specifically in the pons/medulla, with highest levels in the pars ventromedialis of the dorsal tegmental nucleus and with lower levels in the hippocampus and olfactory regions. Significant expression is also observed in the spleen, thymus, lung and ovary. Relaxin 3 inhibits Forskolin-stimulated cAMP accumulation in a dose-dependent manner in cells that express Relaxin receptor 3. Acute and repeated administration of Relaxin 3 causes a decrease in levels of the plasma thyroid stimulating hormone, suggesting that Relaxin 3 may play a role in long-term control of food intake.

Product:

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

Molecular Weight:

~ 15 kDa

Swiss-Prot:

Q8WXF3

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

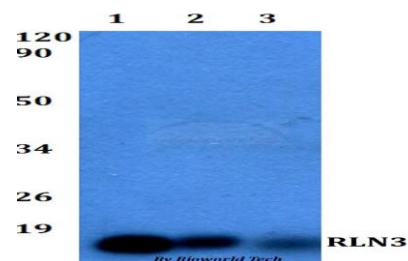
Storage&Stability:

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

Specificity:

RLN3 polyclonal antibody detects endogenous levels of RLN3 protein.

DATA:



Western blot (WB) analysis of RLN3 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:HEK293T whole cell lysate

Lane3:Raw264.7 whole cell lysate

Note:

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

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