

Anti-Human/Mouse RXFP3 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA10058

3th Edition

Description:Relaxin-3 is a highly conserved neuropeptide in vertebrate species and binds to the Class A G protein-coupled receptor (GPCR) RXFP3. Relaxin-3 is involved in a wide range of behaviors and targeting of RXFP3 may be relevant for a range of neurological diseases. RXFP3, confirmed that acute and chronic activation of RXFP3 increased feeding and weight gain, and produced changes in plasma leptin and insulin.

Antigen:Synthetic peptide of human RXFP3

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Expressed predominantly in brain regions. Highest expression in substantia nigra and pituitary, followed by hippocampus, spinal cord, amygdala, caudate nucleus and corpus callosum, quite low level in cerebellum. In peripheral tissues, relatively high levels in adrenal glands, low levels in pancreas, salivary gland, placenta, mammary gland and testis.