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PRODUCT DATASHEET

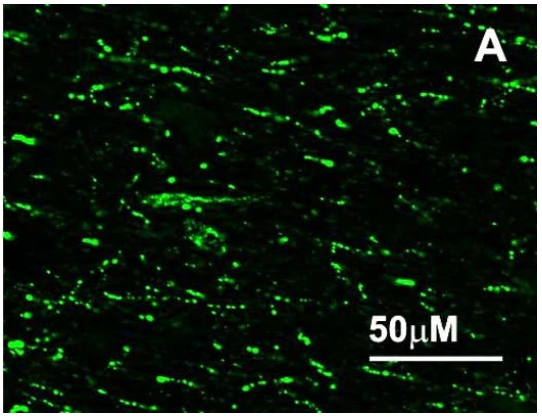
Anti-Neuropeptide RFRP-3 Antibody

Product Details

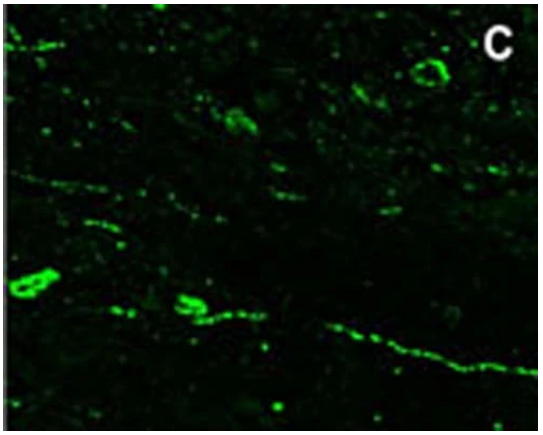
Available Variants	50 µL (SKU:GP-1080-50)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Guinea Pig
Format	Whole serum
Physical State	Lyophilized
Production Notes	Neat serum
Applications	IHC
Dilution Ranges	IHC: 1:2000
Species Reactivity	Human, Rat, Sheep
Immunogen	A synthetic peptide (VPNLPQRF) corresponding to the amino acids 124-131 from human Neuropeptide VF. Neuropeptide VF is the precursor of the neuropeptides NPSF (RFRP-1), RFRP-2 and RFRP-3. The synthetic peptide was conjugated to a carrier protein KLH to enhance the immunological response.
Specificity	Specificity was demonstrated by immunohistochemistry. This antibody is known to react with rat and sheep.
Storage	Spin vial briefly before opening. Reconstitute in 50 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. Store lyophilized antibody at 2-8°C or lower. After reconstitution, divide into aliquots and store at -20°C, or lower, for optimal long term stability. It is recommended that a reconstituted aliquot is stored at 2-8°C for no longer than 2 weeks. Allocation of an appropriate anti-bacterial agent can increase shelf life by several weeks. Glycerol (1:1) can be added to neat serum for additional stability if intended use does not prevent this.

UniProt ID	Q9HCQ7 UniProt Summary: [Neuropeptide RFRP-1]: Efficiently inhibits forskolin-induced production of cAMP. Acts as a potent negative regulator of gonadotropin synthesis and secretion. Induces secretion of prolactin.
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (lyophilized, unopened vial).
Usage Statement	For research use only.
NCBI Gene ID	64111

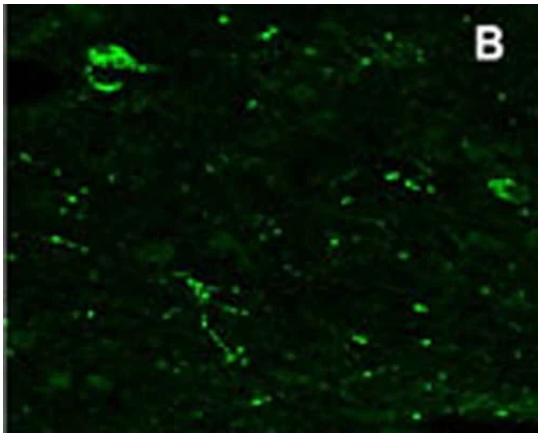
Product Images



Immunoreactivity of cells and terminals in sheep hypothalamus section using anti-RFRP-3 antibody (1:2000).



Staining of RFRP-3 peptide is not affected by preadsorption with Kisspeptin.



Staining of RFRP-3 peptide is not affected by preadsorption with Prolactin-releasing peptide (PrRP).