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PRODUCT DATASHEET

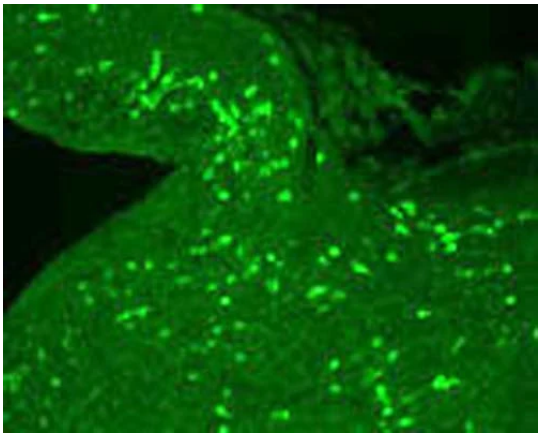
Anti-Melanocyte-stimulating hormone, gamma (Gamma-MSH) Antibody

Product Details

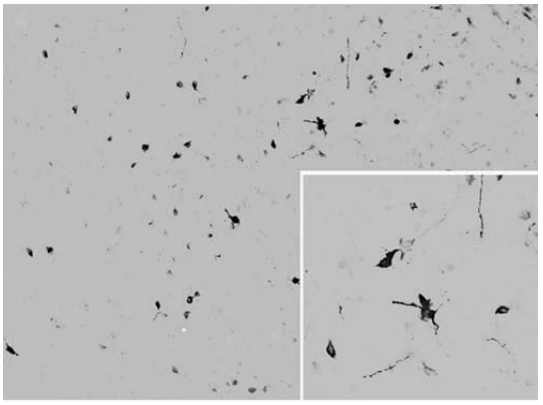
Available Variants	50 µL (SKU:GP-031-50)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Guinea Pig
Format	Whole serum
Physical State	Lyophilized
Production Notes	Whole serum
Applications	IHC
Dilution Ranges	IHC: 1:2000
Species Reactivity	Human, Sheep
Immunogen	A synthetic peptide (YVMGHFRWDRFG) corresponding to the amino acids 77-88 from human Proopiomelanocortin (POMC). POMC is the precursor of the melanocortin peptides alpha, beta and gamma. The synthetic peptide was conjugated to carrier protein to enhance the immunological response.
Specificity	Human. Specificity was demonstrated by immunohistochemistry. This antiserum is known to react with sheep gamma MSH. Other species have not yet been tested.

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	P01189 UniProt Summary: Precursor protein of pituitary hormones that are involved in diverse physiological processes, including the regulation of energy balance, stress response, immune function and skin pigmentation.
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	5443

Product Images



The cryostat section of the sheep hypothalamus was incubated in guinea pig polyclonal antibodies to the gamma melanocyte-stimulating hormone at the dilution of 1:1000 overnight followed by incubation with FITC- conjugated secondary antibodies. Cell bodies and nerve terminals in the sheep brain are intensely stained.



Anti-Melanocyte-stimulating hormone, gamma (Gamma-MSH) Antibody

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