

Anti-Melanocyte-stimulating hormone, alpha (Alpha-MSH) Antibody



Product Details

Available Variants	50 µL (SKU:GP-030-50)
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 (Ac-SYSMEHFRWGKPV) corresponding to the amino acids 138-150 from human Proopiomelanocortin (POMC). POMC is the precursor of the melanocortin peptides alpha, beta and gamma. The synthetic peptide was conjugated to a carrier protein to enhance the immunological response.
Specificity	Specificity was demonstrated by immunohistochemistry. This antibody is known to react with human, rat and sheep. 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	<u>P01189</u>
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.

Product Images

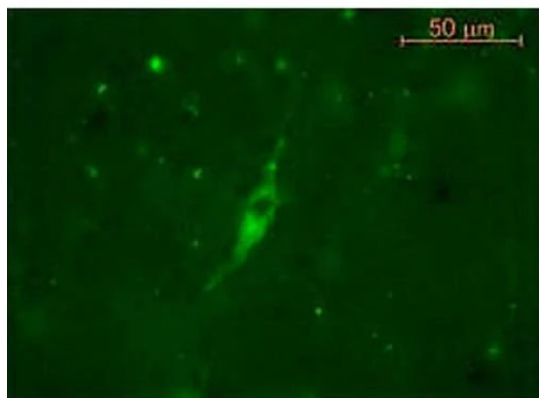
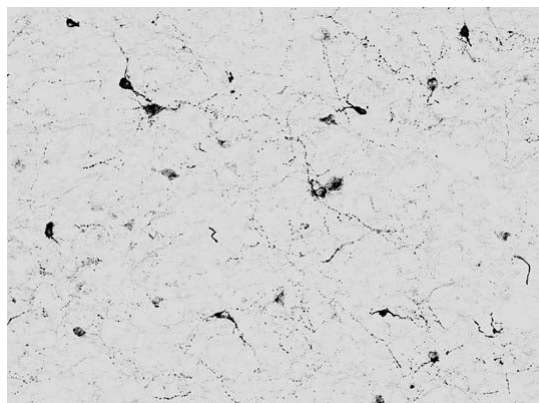
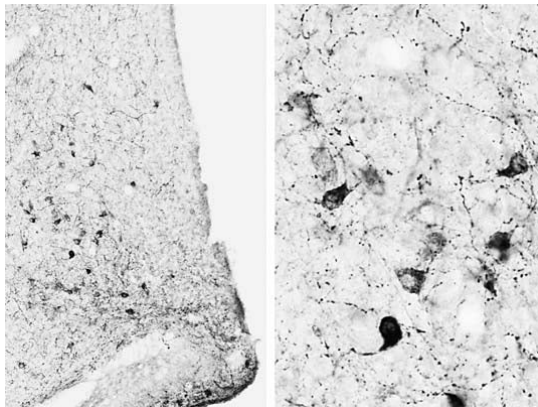


Figure shows staining of cells in sheep hypothalamus using Guinea pig polyclonal antibody to human alpha MSH (GP-030-50) at 1:1000 followed by incubation with FITC labeled goat anti-guinea pig secondary antibodies.



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Immunohistochemical identification of alpha MSH-immunoreactive neurons in cryostat sections from the hypothalamic arcuate nucleus of the rat. The signal was detected with the gp-030-50 primary antiserum (1:40,000), followed by its visualization with the biotinylated secondary antibody-ABC method and nickel-diaminobenzidine chromogen. Photo courtesy of Dr. Erik Hrabovszky, Hungarian Academy of Sciences, Budapest, Hungary.

Product Page URL: www.antibodiesinc.com/products/anti-melanocyte-stimulating-hormone-alpha-alpha-msh-antibody-gp-030-50



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