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ACTH

Mouse Monoclonal antibody(Mab)
Catalog # AD80249

Product Information

Application	IHC-P
Primary Accession	P01189
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	132H5D1
Calculated MW	29424

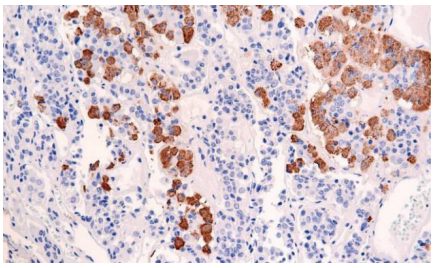
Additional Information

Gene ID	5443
Gene Name	POMC
Other Names	Pro-opiomelanocortin, POMC, Corticotropin-lipotropin, NPP, Melanotropin gamma, Gamma-MSH, Potential peptide, Corticotropin, Adrenocorticotropic hormone, ACTH, Melanocyte-stimulating hormone alpha, Alpha-MSH, Melanotropin alpha, Corticotropin-like intermediary peptide, CLIP, Lipotropin beta, Beta-LPH, Lipotropin gamma, Gamma-LPH, Melanocyte-stimulating hormone beta, Beta-MSH, Melanotropin beta, Beta-endorphin, Met-enkephalin, POMC
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	ACTH Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	POMC (HGNC:9201)
Function	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. [Met-enkephalin]: Endogenous opiate.
Cellular Location	Secreted {ECO:0000250|UniProtKB:P01193}. Note=Melanocyte-stimulating hormone alpha and beta-endorphin are stored in separate granules in hypothalamic POMC neurons, suggesting that secretion may be under the control of different regulatory mechanisms {ECO:0000250|UniProtKB:P01193}
Tissue Location	ACTH and MSH are produced by the pituitary gland.

Images



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human pituitary tissue was performed with ACTH primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.