

Adrenocorticotropin (ACTH) mouse monoclonal antibody

产品概述

产品名 (Product Name)	Adrenocorticotropin(ACTH) mouse monoclonal antibody
货号 (Catalog No.)	ATDA00008
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	This antibody detects endogenous levels of human Adrenocorticotropin(ACTH). Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section
应用实验 (Tested applications)	WB:500-2000; IHC-p:1:100-500
克隆性 (Clonality)	Monoclonal
免疫原 (Immunogen)	Synthesized peptide derived from human Adrenocorticotropin(ACTH).
别名	Pro-opiomelanocortin (POMC),Corticotropin-lipotropin,Potential peptide, Corticotropin,Adrenocorticotropic hormone(ACTH)
Uniprot ID	P01189

产品性能

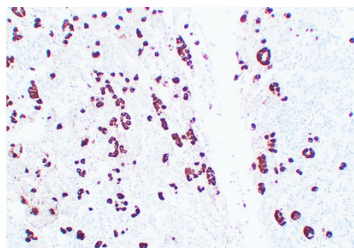
状态 (Form)	Liquid
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
存放条件 (Storage)	Stored at -20°C.Avoid repeated freeze-thaw cycles.
浓度 (Concentration)	1 mg/ml
亚型 (Isotype)	IgG1,Kappa

应用

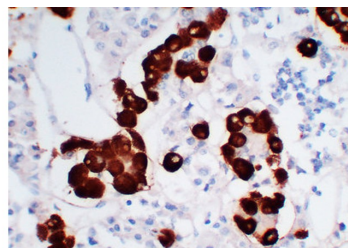
WB:500-2000; IHC-p:1:100-500

产品实验图片

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Immunohistochemical analysis of paraffin-embedded Pituitary adenoma. 1, Antibody was diluted at 1:200(4°C overnight). 2, Tris-EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).



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产品背景

Proopiomelanocortin(POMC) Homo sapiens This gene encodes a preproprotein that undergoes extensive, tissue-specific, post-translational processing via cleavage by subtilisin-like enzymes known as prohormone convertases. There are eight potential cleavage sites within the preproprotein and, depending on tissue type and the available convertases, processing may yield as many as ten biologically active peptides involved in diverse cellular functions. The encoded protein is synthesized mainly in corticotroph cells of the anterior pituitary where four cleavage sites are used; adrenocorticotrophin, essential for normal steroidogenesis and the maintenance of normal adrenal weight, and lipotropin beta are the major end products. In other tissues, including the hypothalamus, placenta, and epithelium, all cleavage sites may be used, giving rise to peptides with roles in pain and energy homeostasis, melanocyte stimulation, and immune modulation.