

兔抗 POMC 多克隆抗体

中文名称：兔抗 POMC 多克隆抗体

英文名称： Anti-POMC rabbit polyclonal antibody

别名： LPH; MSH; NPP; POC; ACTH; CLIP

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： POMC

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

This gene encodes a polypeptide hormone precursor 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 polypeptide precursor 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. These include several distinct melanotropins, lipotropins, and endorphins that are contained within the adrenocorticotrophin and beta-lipotropin peptides. The antimicrobial melanotropin alpha peptide exhibits antibacterial and antifungal activity. Mutations in this gene have been associated with early onset obesity, adrenal insufficiency, and red hair pigmentation. Alternatively spliced transcript variants encoding the same protein have been described.
Applications:	ELISA, WB, IHC
Name of antibody:	POMC
Immunogen:	Synthetic peptide of human POMC
Full name:	proopiomelanocortin
Synonyms:	LPH; MSH; NPP; POC; ACTH; CLIP
SwissProt:	P01189
IHC positive control:	Human breast cancer
IHC Recommend dilution:	20-100
WB Predicted band size:	29 kDa
WB Positive control:	Mouse brain tissue lysate
WB Recommended dilution:	200-1000

