BT LAB
Bioassay Technology Laboratory

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Adrenocorticotropin(ACTH) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06093
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human Adrenocorticotropin(ACTH)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, WB
Concentration	1 mg/ml
Full name	Adrenocorticotropin
Synonyms	Adrenocorticotropin;ACTH ; Pro-opiomelanocortin; POMC; Corticotropin-lipotropin; NPP; Melanotropin gamma; Gamma-MSH; Potential peptide; Corticotropin; Adrenocorticotropic hormone; ACTH; Melanotropin alpha; Alpha-MSH; Corticotropin-like intermediary peptide; CLIP; Lipotropin beta; Beta-LPH; Lipotropin gamma; Gamma-LPH; Melanotropin beta; Beta-MSH; Beta-endorphin; Met-enkephalin;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. The

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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