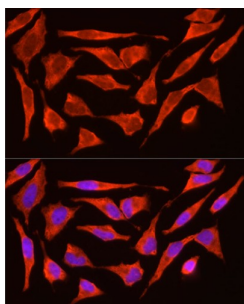
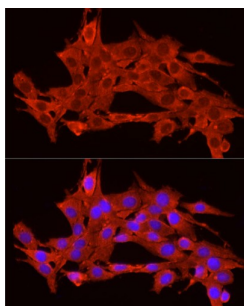


Adrenocorticotrophic Hormone (ACTH) Antibody

Catalogue No.: abx002196



Immunofluorescence analysis of HeLa cells using POMC Antibody (1/200 dilution, 40x lens).
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using POMC Antibody (1/200 dilution, 40x lens).
Blue: DAPI for nuclear staining.

Adrenocorticotrophic Hormone Antibody is a Rabbit Polyclonal antibody against Adrenocorticotrophic Hormone. 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.

Target: Adrenocorticotrophic Hormone (ACTH)

Clonality: Polyclonal

Reactivity: Human, Rat

Tested Applications: IF/ICC

Host: Rabbit

Recommended dilutions: IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to human POMC

Datasheet

Version: 7.0.0

Revision date: 05 Mar 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P01189 (UniProt , ExPASy)
Gene Symbol:	POMC
GeneID:	5443
NCBI Accession:	NP_000930.1
KEGG:	hsa:5443
String:	9606.ENSP00000384092
Molecular Weight:	Calculated MW: 29 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.