

Datasheet for ABIN111034
anti-POMC antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	POMC
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This POMC antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	ACTH-BSA Conjugate Remarks:
Clone:	56
Isotype:	IgG1
Specificity:	Reacts with Human and Rat C-terminal ACTH. Specific for CLIP (17-39 ACTH) and does not cross-react with Synacthen (1-24 ACTH).
Purification:	Protein A Chromatography

Target Details

Target:	POMC
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Target Details

Alternative Name:	POMC (POMC Products)
Background:	ACTH occurs in cells of the anterior pituitary and in neurons in brain. It regulates the corticosteroid production in the adrenal cortex. Beta endorphin and Met enkephalin are endogenous opiates. MSH (melanocyte stimulating hormone) increases the pigmentation of skin by increasing melanin production in melanocytes.Synonyms: Adrenocorticotropic hormone, Corticotropin, POMC
Gene ID:	5443
NCBI Accession:	NP_000930
UniProt:	P01189
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Peptide Hormone Metabolism , Hormone Activity , Feeding Behaviour

Application Details

Application Notes:	Reacts with solid phase ACTH either captured as part of a sandwich or adsorbed as a solidphase antigen and as such is suitable for serum assay development. Also reactive on formalin-fixed paraffin wax embedded tissue and is therefore suitable for immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.09 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.