

Datasheet for ABIN2614195
anti-POMC antibody (AA 138-176)



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Overview

Quantity:	100 µg
Target:	POMC
Binding Specificity:	AA 138-176
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POMC antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human ACTH(138-176aa SYSMEHFRWGKPVGKKRRPVKVYPNGAEDESAEAFPLEF), different from the related mouse and rat sequences by two amino acids.
Isotype:	IgG
Specificity:	ACTH and MSH are produced by the pituitary gland.
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	POMC
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Target Details

Alternative Name:	POMC / Proopiomelanocortin (POMC Products)
Background:	Name/Gene ID: POMC Family: Hormone Synonyms: POMC, Alpha-MSH, ACTH, Adrenocorticotropin, Adrenocorticotrophic hormone, Beta-LPH, CLIP, Gamma-MSH, Lipotropin gamma, LPH, Melanotropin alpha, Met-enkephalin, Melanotropin beta, NPP, Pro-ACTH-endorphin, Lipotropin beta, Melanotropin gamma, MSH, Proopiomelanocortin, Beta-endorphin, Beta-MSH, Corticotropin-lipotropin, Gamma-LPH, POC, Pro-opiomelanocortin
Gene ID:	5443
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Peptide Hormone Metabolism , Hormone Activity , Feeding Behaviour

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid freeze-thaw cycles.