

Product datasheet for **AP05348PU-N**

ACTH (POMC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	Immunohistochemistry on frozen sections: 1/100 - 1/200. Immunohistochemistry on paraffin sections: 1/100 - 1/200. ELISA: 1/500 - 1/1000.
Reactivity:	Broad, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to the amino acids 1-24 of ACTH conjugated to Keyhole limpet Haemocyanin.
Specificity:	This antibody reacts to ACTH.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide (NaN ₃) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Purified Ig prepared by affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	proopiomelanocortin
Database Link:	Entrez Gene 5443 Human P01189
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.



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Synonyms: Corticotropin, Adrenocorticotrophic hormone, POMC