

Product datasheet for **TA364154**

ACTH (POMC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against γ 2-MSH. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Try-Val-Met-Gly-His-Phe-Arg-Trp-Asp-Arg-Phe-Gly- NH ₂ coupled to carrier protein.
Formulation:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	proopiomelanocortin
Database Link:	Entrez Gene 5443 Human P01189
Background:	γ -Melanocyte Stimulating Hormone is an endogenous neuropeptide hormone. It belongs to the group of peptides called melanocortins and derived from the cleavage of the precursor polypeptide Pro-opiomelanocortin (POMC) in the pituitary gland. γ - Melanocyte Stimulating Hormone is known to be an agonist of the melanocortin receptors (MCRs) and exists in three forms, γ 1-MSH, γ 2-MSH, and γ 3-MSH. This antibody was generated by immunization of rabbits with γ 2-MSH coupled to a carrier protein.



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Synonyms:

ACTH; adrenocorticotropin; alpha-MSH; beta-endorphin; beta-LPH; beta-MSH; CLIP; Corticotropin-lipotropin; gamma-LPH; gamma-MSH; LPH; met-enkephalin; MSH; NPP; OTTHUMP00000119991; OTTHUMP00000200964; POC; pro-ACTH-endorphin; proopiomelanocortin