

Product datasheet for **TA364152**

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 β -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
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Ala-Glu-Lys-Lys-Asp-Glu-Gly-Pro-Tyr-Arg-Met-Glu- His-Phe-Arg-Trp-Gly-Ser-Pro-Pro-Lys-Asp-OH coupled to carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 μ l distilled water. This will give the equivalent of undiluted antiserum.
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:	β -Melanocyte-stimulating hormone (β -MSH) is an endogenous peptide hormone and neuropeptide. It is a melanocortin, specifically, one of the three types of melanocyte-stimulating hormone (MSH), and is produced from proopiomelanocortin (POMC). β -melanocyte-stimulating hormone is artificially generated because it does not exist in humans naturally. It is also known to decrease food intake in animals such as rats, chicken due to the effect of Proopiomelanocortin (POMC). This antibody was generated by immunization of rabbits with β -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