

Product datasheet for **TA363904**

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 - Endorphin. 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-Tyr-Gly-Gly-Phe-Met-Thr-Ser-Glu-Lys-Ser-Gln-Thr- Pro-Leu-Val-Thr-Leu-Phe-Lys-Asn-Ala-Ile-Ile-Lys-Asn-Ala-Tyr-Lys-Lys- Gly-Glu-OH coupled to carrier protein.
Formulation:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
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 -Endorphin is a 31 amino acid endogenous opioid neuropeptide that is produced in certain neurons within both the central and the peripheral nervous system. It is known to be one of the three endorphins that are produced in humans, together with α -Endorphin and γ -Endorphin, and it primarily acts in the body to reduce stress and maintain homeostasis. This antibody was generated by immunization of rabbits with β -Endorphin 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