

## Product datasheet for **TA364180**

### Adcyap1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against PACAP (1-29). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Asp-Val-Ala-His-Glu-Ile-Leu-Asn-Glu-Ala-Tyr-Arg- Lys-Val-Leu-Asp-Gln-Leu-Ser-Ala-Arg-Lys-Tyr-Leu-Gln-Ser-Met-Val-Ala- OH coupled to a 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:	adenylate cyclase activating polypeptide 1
Database Link:	<a href="#">Entrez Gene 24166 Rat P13589</a>
Background:	Pituitary adenylyl cyclase-activating polypeptide, also known as PACAP, is a protein similar to vasoactive intestinal peptide (VIP). One of its effects is to stimulate enterochromaffin-like cells. It binds to vasoactive intestinal peptide receptor and to the PACAP receptor. The PACAP precursor contains another peptide called PACAP- related peptide, which is expressed in the parvocellular part of the paraventricular nucleus (PVN), implying its role as hypothalamic regulatory peptide. This antibody was generated by immunization of rabbits with PACAP (1-29) coupled to a carrier protein.
Synonyms:	MGC126852; OTTHUMP00000162201; PACAP



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