

Product datasheet for **TA364173**

Adcyap1 Rabbit Polyclonal Antibody

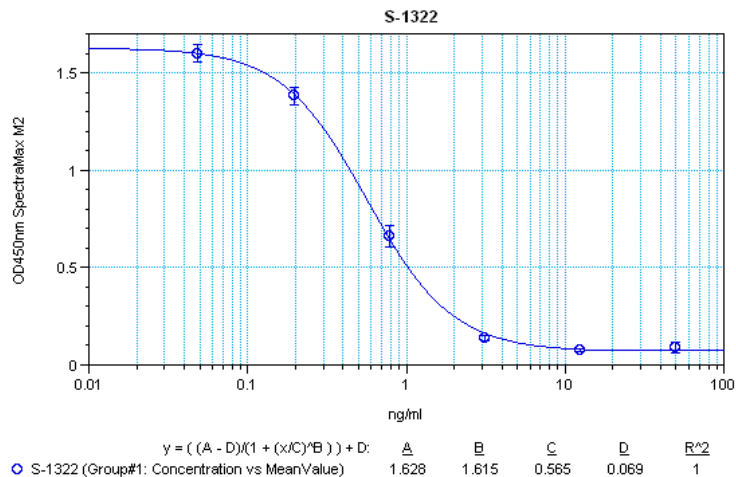
Product data:

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|-----------------------|--|
| 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 carrier protein. |
| Formulation: | Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl 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: | adenylate cyclase activating polypeptide 1 |
| Database Link: | Entrez Gene 24166 Rat P13589 |
| 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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Product images:



Typical titration curve of PACAP-38 in a competitive ELISA with this antibody