



Datasheet for ABIN1731540

anti-ADCYAP1R1 antibody (Extracellular Domain, N-Term)



[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 50 µg |
| Target: | ADCYAP1R1 |
| Binding Specificity: | Extracellular Domain, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ADCYAP1R1 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-----------------------------|---|
| Immunogen: | Synthetic 18 amino acid peptide from N-terminal extracellular domain of human ADCYAP1R1. Percent identity with other species by BLAST analysis: Human (100%), Gorilla (100%), Gibbon (100%), Monkey (100%), Marmoset (100%), Elephant (89%), Panda (89%) |
| Isotype: | IgG |
| Specificity: | Reacts with human ADCYAP1R1 |
| Cross-Reactivity (Details): | BLAST analysis of the peptide immunogen showed no homology with other human proteins. |
| Purification: | Antigen affinity purified |

Target Details

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|---------|-----------|
| Target: | ADCYAP1R1 |
|---------|-----------|

Target Details

| | |
|-------------------|---|
| Alternative Name: | ADCYAP1R1 (ADCYAP1R1 Products) |
| Background: | This is a receptor for PACAP-27 and PACAP-38. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. May regulate the release of adrenocorticotropin, luteinizing hormone, growth hormone, prolactin, epinephrine, and catecholamine. May play a role in spermatogenesis and sperm motility. Causes smooth muscle relaxation and secretion in the gastrointestinal tract. |
| UniProt: | P41586 |
| Pathways: | Neurotrophin Signaling Pathway , cAMP Metabolic Process , Regulation of Carbohydrate Metabolic Process |

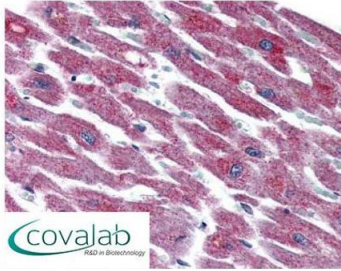
Application Details

| | |
|--------------------|--|
| Application Notes: | Working dilution: ELISA, IHC - P (5 - 7 µg/mL) |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS, Sodium azide 0.1 % |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C/-80 °C |
| Storage Comment: | Long term: -70°C, Short term: +4°C |

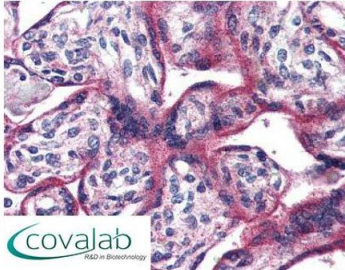
**IHC : ADCYAP1R1
(N-Terminus) antibody**
(pab70266)



Anti-ADCYAP1R1 antibody pab70266 IHC staining of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Image 1.

**IHC : ADCYAP1R1
(N-Terminus) antibody**
(pab70266)



Anti-ADCYAP1R1 antibody pab70266 IHC staining of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Image 2.