


Product datasheet

Anti-PACAP receptor/ADCYAP1R1 antibody ab140703

1 Image

Overview

Product name	Anti-PACAP receptor/ADCYAP1R1 antibody
Description	Rabbit polyclonal to PACAP receptor/ADCYAP1R1
Host species	Rabbit
Specificity	BLAST analysis of the peptide immunogen showed no homology with other Human proteins.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Cow, Dog, Pig, Monkey, Gorilla, Common marmoset, Elephant 
Immunogen	Synthetic peptide corresponding to Human PACAP receptor/ADCYAP1R1 (N terminal).
Positive control	Human brain pituitary tissue
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab140703 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 7 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

Function

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.

Tissue specificity

Most abundant in the brain, low expression in the lung, liver, thymus, spleen, pancreas and placenta.

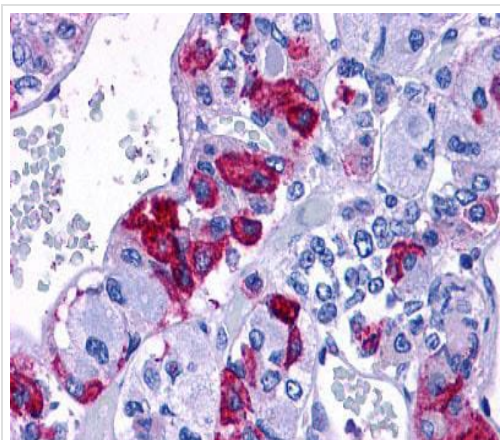
Sequence similarities

Belongs to the G-protein coupled receptor 2 family.

Cellular localization

Cell membrane.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human brain pituitary tissue labelling PACAP receptor/ADCYAP1R1 with ab140703 after heat-induced antigen retrieval.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PACAP receptor/ADCYAP1R1 antibody (ab140703)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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