

Product datasheet

Anti-PDE8A antibody ab61815

1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-PDE8A antibody |
| Description | Rabbit polyclonal to PDE8A |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide corresponding to Human PDE8A (N terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). |
| Positive control | Human prostate 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.70 Preservative: 0.1% Sodium azide Constituent: PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab61815 in the following tested applications.

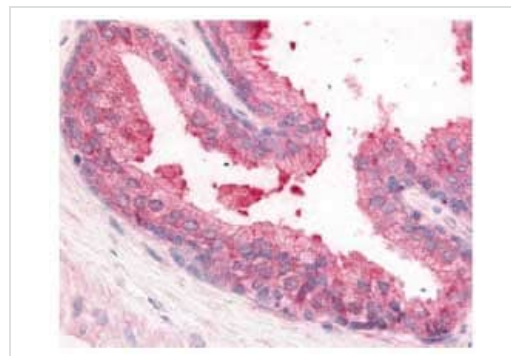
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|----------------------------------|
| IHC-P | | Use a concentration of 10 µg/ml. |

Target

| | |
|------------------------------|--|
| Function | Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May be involved in maintaining basal levels of the cyclic nucleotide and/or in the cAMP regulation of germ cell development. |
| Tissue specificity | Expressed in most tissues except thymus and peripheral blood leukocytes. Highest levels in testis, ovary, small intestine and colon. |
| Pathway | Purine metabolism; 3',5'-cyclic AMP degradation; AMP from 3',5'-cyclic AMP: step 1/1. |
| Sequence similarities | Belongs to the cyclic nucleotide phosphodiesterase family. PDE8 subfamily. Contains 1 PAC (PAS-associated C-terminal) domain. Contains 1 PAS (PER-ARNT-SIM) domain. |
| Domain | Composed of a C-terminal catalytic domain containing two putative divalent metal sites and an N-terminal regulatory domain. |

Images



Immunohistochemistry analysis of human Prostate tissue (Formalin-Fixed Paraffin-Embedded) using ab61815 at 10µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDE8A antibody (ab61815)

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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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