

Datasheet for ABIN636941 **anti-PDE8B antibody**



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Overview

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|--------------|---|
| Quantity: | 50 µg |
| Target: | PDE8B |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PDE8B antibody is un-conjugated |
| Application: | Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|--|
| Immunogen: | PDE8 B antibody was raised in rabbit using a synthetic peptide conjugated to KLH as the immunogen. |
| Purification: | Affinity chromatography purified |

Target Details

| | |
|-------------------|--|
| Target: | PDE8B |
| Alternative Name: | PDE8B (PDE8B Products) |
| Background: | Phosphodiesterases (PDEs) are a family of related phosphohydrolyases that selectively catalyze the hydrolysis of 3' cyclic phosphate bonds in adenosine and/or guanine 3',5' cyclic monophosphate (cAMP and/or cGMP). They regulate the cellular levels, localization and duration of action of these second messengers by controlling the rate of their degradation. PDE1-11, PDE4, 7 and 8 selectively degrade cAMP. These enzymes are involved in many signal |

Target Details

transduction pathways.

Pathways: [Negative Regulation of Hormone Secretion, cAMP Metabolic Process](#)

Application Details

Application Notes: IHC-P: 10 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: Purified by Immunoaffinity Chromatography and supplied in PBS with 0.1 % NaN₃.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -70 °C for long term storage.