

Datasheet for ABIN7442141  
**anti-PDE4B antibody (AA 500-736)**

## 6 Images

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## Overview

Quantity:	100 µL
Target:	PDE4B
Binding Specificity:	AA 500-736
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE4B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Phosphodiesterase 4B, cAMP Specific (PDE4B)
Immunogen:	Recombinant Phosphodiesterase 4B, cAMP Specific (PDE4B) corresponding to Lys500~Thr736 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDE4B. It has been selected for its ability to recognize PDE4B in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

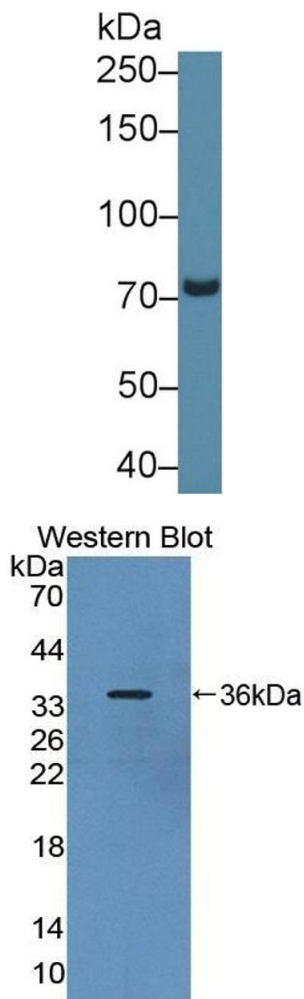
Target:	PDE4B
Alternative Name:	Phosphodiesterase 4B, cAMP Specific ( <a href="#">PDE4B Products</a> )
Background:	DPDE4, PDE32, Duncle(Drosophila)Homolog Phosphodiesterase E4, cAMP-specific 3',5'-cyclic phosphodiesterase 4B
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

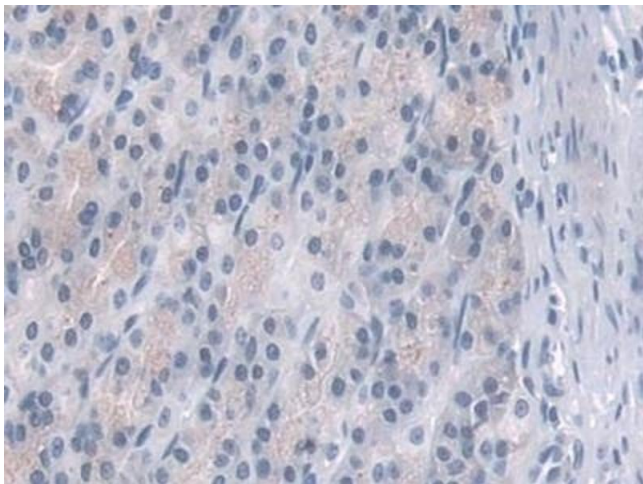


#### Western Blotting

**Image 1.** Detection of PDE4B in Porcine Cerebrum lysate using Polyclonal Antibody to Phosphodiesterase 4B, cAMP Specific (PDE4B)

#### Western Blotting

**Image 2.** Detection of Recombinant PDE4B, Rat using Polyclonal Antibody to Phosphodiesterase 4B, cAMP Specific (PDE4B)



#### Immunohistochemistry

**Image 3.** Detection of PDE4B in Rat Stomach Tissue using Polyclonal Antibody to Phosphodiesterase 4B, cAMP Specific (PDE4B)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7442141.