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anti-PDE3A antibody (AA 948-1141)

2 Images



Overview

Quantity:	100 μL
Target:	PDE3A
Binding Specificity:	AA 948-1141
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Phosphodiesterase 3A, cGMP Inhibited (PDE3A)
Immunogen:	Recombinant Phosphodiesterase 3A, cGMP Inhibited (PDE3A) corresdonding to Leu948~Leu1141 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDE3A. It has been selected for its ability to recognize PDE3A in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

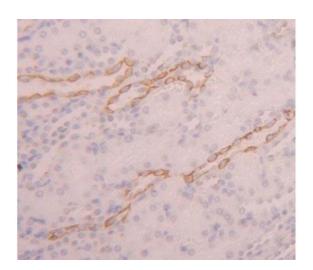
Target Details

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Target:	PDE3A
Alternative Name:	Phosphodiesterase 3A, cGMP Inhibited (PDE3A Products)
Background:	CGI-PDE, Cyclic GMP-inhibited phosphodiesterase A, cGMP-inhibited 3',5'-cyclic phosphodiesterase A
Pathways:	cAMP Metabolic Process
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL

	1:350-1400 Immunohistochemistry: 5-20 µg/mL
	1:35-140 Immunocytochemistry: 5-20 μg/mL
	1:35-140 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

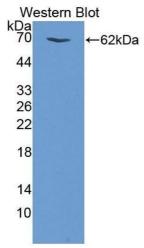
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES 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



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant PDE3A, Rat using Polyclonal Antibody to Phosphodiesterase 3A, cGMP Inhibited (PDE3A)