

## Datasheet for ABIN5517241 **anti-PDE5A antibody (N-Term)**



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### Overview

Quantity:	100 µL
Target:	PDE5A
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PDE5A
Sequence:	MERAGPSFGQ QRQQQPQQQ KQQQRDQDSV EAWLDDHWDF TFSYFVRKAT
Purification:	Affinity purified

### Target Details

Target:	PDE5A
Alternative Name:	PDE5A ( <a href="#">PDE5A Products</a> )
Background:	This gene encodes a cGMP-binding, cGMP-specific phosphodiesterase, a member of the cyclic nucleotide phosphodiesterase family. This phosphodiesterase specifically hydrolyzes cGMP to 5'-GMP. It is involved in the regulation of intracellular concentrations of cyclic nucleotides and is important for smooth muscle relaxation in the cardiovascular system. Alternative splicing of this gene results in three transcript variants encoding distinct isoforms.

## Target Details

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Alias Symbols: CN5A, PDE5, CGB-PDE

Protein Size: 875

Gene ID: 8654

NCBI Accession: [NM\\_001083](#), [NP\\_001074](#)

UniProt: [O76074](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.