

Polyclonal Antibody to Phosphodiesterase 5A (PDE5A) (N-terminal) - Aff - Purified

Alternate names:	CGB-PDE, CN5A, Cyclic GMP phosphodiesterase-5, EC 3.1.4.35, PDE5, PDE5A1, cGMP-specific Phosphodiesterase 5A, pde-v, pde5, pde5a, phosphodiesterase type 5, phosphodiesterase-5
Catalog No.:	AP00432PU-N
Quantity:	50 µg
Concentration:	1.0 mg/ml
Background:	Phosphodiesterase 5A, a cGMP-specific phosphodiesterase, has been implicated in primary pulmonary hypertension, cardiac failure and erectile dysfunction. PDE5A also may function in the regulation of coronary blood flow. PDE5A is the predominant enzyme responsible for cGMP hydrolysis in trabecular smooth muscle. PDE5A activity is inhibited by sildenafil (Viagra) and zaprinast. At least three alternatively spliced transcripts have been reported.
Host:	Rabbit
Immunogen:	Synthetic peptide from PDE5A, near N-terminus of human - KLH conjugated Gene name: PDE5A
Format:	State: Liquid Purification: Peptide immunogen affinity column. Buffer System: Phosphate buffered saline, PH 7.7 containing 0.01% sodium azide.
Applications:	Western Blot: 500 ng/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Phosphodiesterase 5A. Rat Identity: 90 % Rat Similarity: 90 % Species: Human. Other species not tested.
Storage:	Store the antibody at 2 - 8 °C up to one month or in aliquots at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.