

**AP00421PU-N****Polyclonal Antibody to Phosphodiesterase 8A (PDE8A) (N-terminal) - Aff - Purified**

<b>Alternate names:</b>	EC 3.1.4.17, FLJ16150, HST19550, cAMP-specific phosphodiesterase PDE8A, pde8a
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	Phosphodiesterase 8A, a high affinity, cAMP-specific phosphodiesterase, has been implicated in penile erectile dysfunction. PDE8A activity is inhibited by dipyridamole, but not by rolipram, zaprinast, or IBMX. At least five splice variants and four protein isoforms have been reported.
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide from PDE8A, near N-terminus of human - KLH conjugated <b>Genename:</b> PDE8A
<b>Format:</b>	<b>State:</b> Liquid <b>Purification:</b> Peptide immunogen affinity column. <b>Buffer System:</b> Phosphate buffered saline, PH 7.7 containing 0.01% sodium azide.
<b>Applications:</b>	<b>Immunohistochemistry on Paraffin Sections:</b> 10 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects Phosphodiesterase 8A. Mouse Identity: 81 % Mouse Similarity: 87 % Rat Identity: 38 % Rat Similarity: 44 % <b>Species:</b> Human, Mouse, Rat. Other species not tested.
<b>Storage:</b>	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.

**Pictures:**

Immunohistochemistry Image: Prostate, stained with AP00421PU-N

