

**AP00417PU-N****Polyclonal Antibody to Phosphodiesterase 7A (PDE7A) (N-terminal) - Aff - Purified**

<b>Alternate names:</b>	CAMP-specific phosphodiesterase 7A, EC 3.1.4.17, HCP1, PDE7, PDE7A1, PDE7A2, TM22, pde7a
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1 mg/ml
<b>Background:</b>	Phosphodiesterase 7A, a cAMP-specific phosphodiesterase, has been shown to affect memory, T-cell functioning and emesis and has been implicated in depression. Two isoforms (PDE7A1 and PDE7A2) which differ at their N-terminal region, have been reported.
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide, corresponding to the N-terminal region of human PDE7A - KLH conjugated. <b>Genename:</b> PDE7A
<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> 20 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 7A. Mouse Identity: 24 % Mouse Similarity: 35 % Rat Identity: 94 % Rat Similarity: 100 % <b>Species:</b> Human, 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: Skeletal muscle, stained with AP00417PU-N

