

PDE5A

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 100kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human PDE5A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CN5A; PDE5; CGB-PDE

Catalog #: A6831

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 8654

Isotype: IgG

Swiss Prot: O76074

Purity: Affinity purification

For research use only.

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.

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