

## 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.

*To place an order, please [Click HERE](#).*