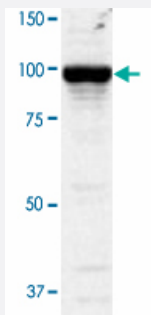


PDE5A polyclonal antibody

Catalog # PAB12359

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of COS-1 cells transfected with PDE5A by using PDE5A polyclonal antibody (Cat # PAB12359) at 1:2000 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against PDE5A.
Immunogen	C terminal region of human PDE5A.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody selectively detects proteins corresponding to the PDE5A isoform.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of COS-1 cells transfected with PDE5A by using PDE5A polyclonal antibody (Cat # PAB12359) at 1:2000 dilution.

- Immunohistochemistry
- Immunoprecipitation

Gene Info — PDE5A

Entrez GeneID	8654
Gene Name	PDE5A
Gene Alias	CGB-PDE, CN5A, PDE5, PDE5A1
Gene Description	phosphodiesterase 5A, cGMP-specific
Omim ID	603310
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	cGMP-binding cGMP-specific 3',5'-cyclic nucleotide phosphodiesterase phosphodiesterase 5A

Pathway

- [Purine metabolism](#)

Disease

- [Alcoholism](#)
- [Disease Progression](#)

- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Nephrotic Syndrome](#)
- [Proteinuria](#)
- [Tobacco Use Disorder](#)