

PDE5A Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12876
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	cGMP-specific 3',5'-cyclic phosphodiesterase
Synonyms	cGMP-specific 3',5'-cyclic phosphodiesterase ;EC 3.1.4.35;cGMP-binding cGMP-specific phosphodiesterase;CGB-PDE

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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