

Product datasheet for **TA358387**

PDE5A Rabbit Polyclonal Antibody

Product data:

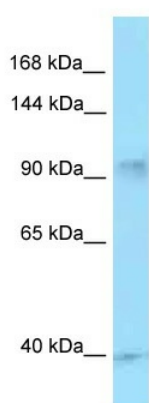
Product Type:	Primary Antibodies
Applications:	IHC, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 82%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	93kDa
Gene Name:	phosphodiesterase 5A
Database Link:	NP_246273 Entrez Gene 8654 Human O76074
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.
Synonyms:	CGB-PDE; CN5A; PDE5; PDE5A1
Protein Families:	Druggable Genome



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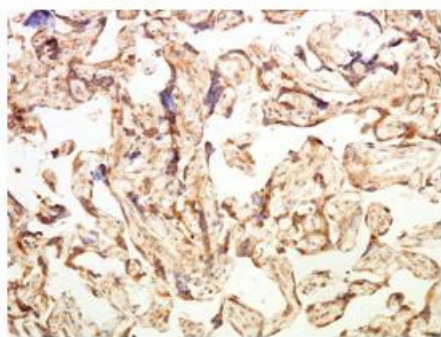
Protein Pathways: Progesterone-mediated oocyte maturation, Purine metabolism

Product images:



WB Suggested Anti-PDE5A Antibody
Titration: 1.0 ug/ml
Positive Control: Placenta

PDE5A



Brown: PDE5A
Purple: Haematoxylin

Sample Type:
Human placental tissue
Primary Antibody Dilution:
1:100
Secondary Antibody:
Goat anti rabbit-HRP
Secondary Antibody Dilution:
1:10,000
Color/Signal Descriptions:
Brown: PDE5A Purple: Haematoxylin
Gene Name:
PDE5A
Submitted by:
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