

Rabbit PDE5A Polyclonal Antibody | anti-PDE5A antibody

PDE5A antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201173	Rabbit	Tested: Human; Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

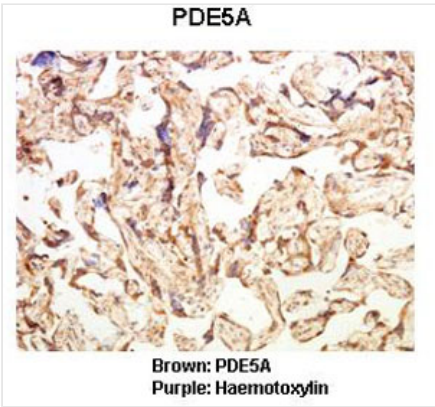
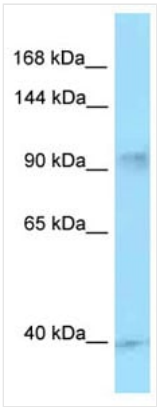
PRODUCT SYNONYMS

PDE5A; Polyclonal Antibody; PDE5A antibody - C-terminal region; CGB-PDE; CN5A; PDE5; PDE5A1; anti-PDE5A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human; Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide: TA CDLSAITKPW PIQQRIAELV ATEFFDQGDR ERKELNIEPT DLMNREKK
Applicable Applications for anti-PDE5A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Protein Size (# AA)	823 amino acids
Protein Interactions	UBC; PRKG1; CASP3;
Blocking Peptide	For anti-PDE5A antibody is Catalog # Homology Based on Immunogen Sequence
Replacement Item	This antibody may replace item sc-129427 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-PDE5A Antibody Titration: 1.0 ug/ml Positive Control: Placenta

IHC (Immunohistochemistry)
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: Dr. Hiten D. Mistry and Anna Czajka, King's College London; Lesia Kurlak, University of Nottingham

ADDITIONAL INFORMATION

Product Categories/Family for anti-PDE5A antibody	Polyclonal; Drugs and Drug Metabolism; Various; Hypoxia
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	61744432
NCBI GeneID	8654
NCBI Accession #	NP_246273
NCBI GenBank Nucleotide #	NM_033437
UniProt Accession #	O76074
Molecular Weight	93kDa
NCBI Official Full Name	cGMP-specific 3',5'-cyclic phosphodiesterase isoform 3
NCBI Official Synonym Full Names	phosphodiesterase 5A
NCBI Official Symbol	PDE5A
NCBI Official Synonym Symbols	CN5A; PDE5; CGB-PDE
NCBI Protein Information	cGMP-specific 3',5'-cyclic phosphodiesterase
UniProt Protein Name	cGMP-specific 3',5'-cyclic phosphodiesterase
UniProt Gene Name	PDE5A
UniProt Synonym Gene Names	PDE5; CGB-PDE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.