

Rabbit anti-Human PDE5A Polyclonal Antibody | anti-PDE5A antibody

PDE5A Antibody

CATALOG # AAA305671	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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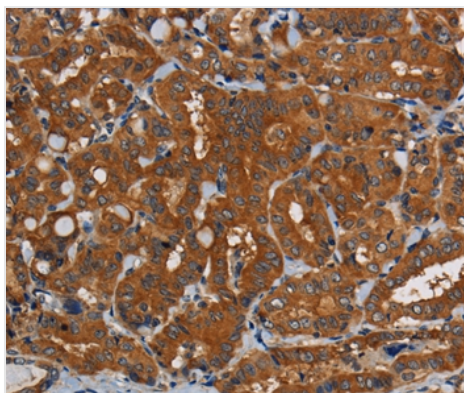
PRODUCT SYNONYMS

PDE5A; Polyclonal Antibody; PDE5A Antibody; CN5A; PDE5; CGB-PDE; anti-PDE5A antibody

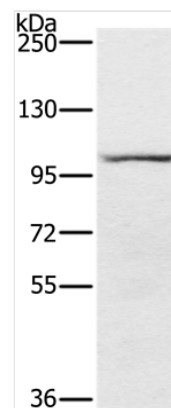
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PDE5A protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.9 mg/ml (varies by lot)
Sequence Length	875
Applicable Applications for anti-PDE5A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human phosphodiesterase 5A, cGMP-specific
Target Name	PDE5A
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/50.


Application Data

Gel: 6%SDS-PAGE Lysate: 40ug 293T cell Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-PDE5A antibody	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.
Product Categories/Family for anti-PDE5A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	61744435
NCBI GeneID	8654
NCBI Accession #	NP_001074.2
NCBI GenBank Nucleotide #	NM_001083.3
UniProt Accession #	O76074; O75026; O75887; Q86UI0; Q86V66; Q9Y6Z6; A0AV69; A8K2C4
Molecular Weight	94,805 Da
NCBI Official Full Name	cGMP-specific 3',5'-cyclic phosphodiesterase isoform 1
NCBI Official Synonym Full Names	phosphodiesterase 5A, cGMP-specific
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
UniProt Entry Name	PDE5A_HUMAN

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.