

Rabbit anti-Human PDE2A Polyclonal Antibody | anti-PDE2A antibody

PDE2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232619	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

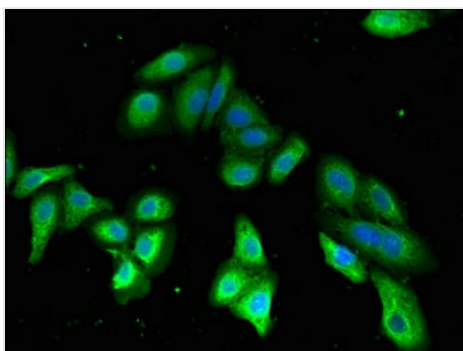
PRODUCT SYNONYMS

PDE2A; Polyclonal Antibody; PDE2A Antibody; cGMP-dependent 3', 5'-cyclic phosphodiesterase; Cyclic GMP-stimulated phosphodiesterase; CGS-PDE; cGSPDE; anti-PDE2A antibody

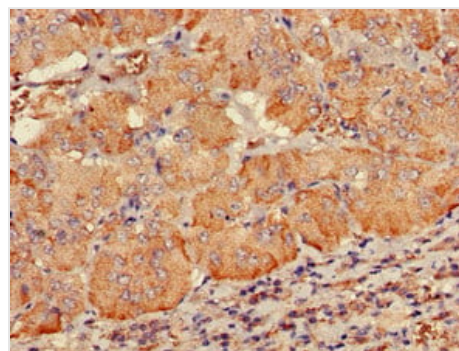
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	934
Applicable Applications for anti-PDE2A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human cGMP-dependent 3', 5'-cyclic phosphodiesterase protein (15-226AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17227 / sc-17228 / sc-25565 / sc-31052 / sc-31054
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

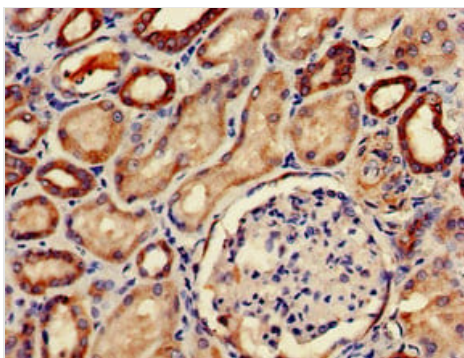
IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232619 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

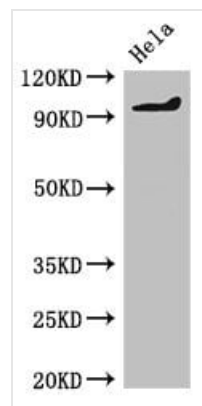

IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA232619 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232619 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate All lanes: PDE2A antibody at 2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 106,104,105,79,88 KDa Observed band size: 106 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PDE2A antibody

Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219802706
NCBI GeneID	5138
NCBI Accession #	NP_001137311.1
NCBI GenBank Nucleotide #	NM_001143839.3
UniProt Accession #	O00408; Q5J791; Q5J792; Q5J793; Q6ZMR1; B2R646; B3KRV5; E9PGI1; F6W5Z0
Molecular Weight	87,235 Da
NCBI Official Full Name	cGMP-dependent 3',5'-cyclic phosphodiesterase isoform PDE2A2
NCBI Official Synonym Full Names	phosphodiesterase 2A
NCBI Official Symbol	PDE2A
NCBI Official Synonym Symbols	PDE2A1; PED2A4; cGSPDE; CGS-PDE
NCBI Protein Information	cGMP-dependent 3',5'-cyclic phosphodiesterase
UniProt Protein Name	cGMP-dependent 3',5'-cyclic phosphodiesterase
UniProt Gene Name	PDE2A
UniProt Synonym Gene Names	CGS-PDE; cGSPDE
UniProt Entry Name	PDE2A_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pde2a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232619>