

Rabbit PDE11A Polyclonal Antibody | anti-PDE11A antibody

PDE11A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75735	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

PDE11A; Polyclonal Antibody; PDE11A Antibody; 5"-cyclic-AMP and -GMP phosphodiesterase 11A; cAMP and cGMP cyclic nucleotide phosphodiesterase 11A; Cyclic nucleotide phosphodiesterase 11A1; Dual 3' 5' cyclic AMP and GMP phosphodiesterase 11A; FLJ23693; MGC133355; MGC133356; PDE 11A; pde11; pde11a2; Phosphodiesterase 11A; PPNAD2 antibody; anti-PDE11A antibody

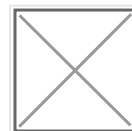
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody does not cross-react with any of the members of the PDE family. This antibody is common to all PDE11A variants including PDE11A1-PDE11A4.
Form/Format	Affinity Purified
Concentration	0.68 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	490
Applicable Applications for anti-PDE11A antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic peptide conjugated to KLH, corresponding to C terminal amino acids 454-468 of human PDE11A.
Expression	Isoform 1 is present in prostate, pituitary, heart and liver. It is however not present in testis nor in penis, suggesting that weak inhibition by Tadalafil is not relevant (at protein level). Isoform 2 may be expressed in testis.
Determinant	C-epitope
Molecular Function	Hydrolase, metal-ion binding, cGMP binding
Subcellular Location	Cytoplasm
Preparation and Storage	-20• degree C for long term storage

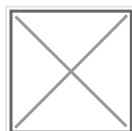
IMAGES



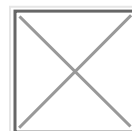
WB (Western Blot)



WB (Western Blot)



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE11A antibody	Affinity Purified Cyclic Nucleotide Phosphodiesterase 11A1 Antibody C-epitope Plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides cAMP and cGMP. Catalyzes the hydrolysis of both cAMP and cGMP to 5'-AMP and 5'-GMP, respectively.
Product Categories/Family for anti-PDE11A antibody	Primary Antibodies; Signal Transduction; Second Messengers; cAMP; PDE11A Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	7327961
NCBI GeneID	50940
UniProt Accession #	Q9HCR9; Q14CD1; Q53T16; Q96S76; Q9GZY7; Q9HB46; Q9NY45
Molecular Weight	55,700 Da
NCBI Official Full Name	cyclic nucleotide phosphodiesterase 11A1
NCBI Official Synonym Full Names	phosphodiesterase 11A
NCBI Official Symbol	PDE11A
NCBI Official Synonym Symbols	PPNAD2
NCBI Protein Information	dual 3',5'-cyclic-AMP and -GMP phosphodiesterase 11A
UniProt Protein Name	Dual 3',5'-cyclic-AMP and -GMP phosphodiesterase 11A
UniProt Gene Name	PDE11A
UniProt Entry Name	PDE11_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/pde11a-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/75735>