

Rabbit Phospho-PDE11A Polyclonal Antibody | anti-PDE11A antibody

Phospho PDE11A (S117 & S124) Antibody

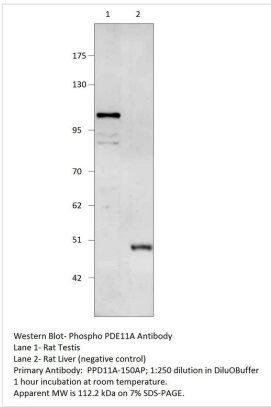
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76027	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, ELISA

PRODUCT SYNONYMS

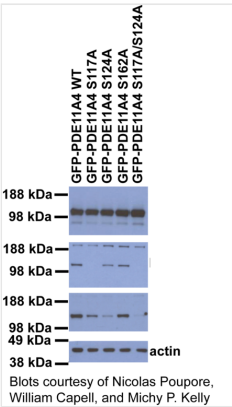
Phospho-PDE11A; Polyclonal Antibody; Phospho PDE11A (S117 & S124) Antibody; 5"-cyclic-AMP and -GMP phosphodiesterase 11A; cAMP and cGMP cyclic nucleotide phosphodiesterase 11A; cGMP phosphodiesterase 11A; Cyclic nucleotide phosphodiesterase 11A1; Dual 3' 5' cyclic AMP and GMP phosphodiesterase 11A; Dual 3" antibody phosphodiesterase 11A; FLJ23693; MGC133355; MGC133356; PDE 11A; pde11; PDE11A; PDE11A1; pde11a2; Phosphodiesterase 11A; PPNAD2 antibody; anti-PDE11A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.69 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	935
Applicable Applications for anti-PDE11A antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Synthetic peptide taken within amino acid region 100-150 on PDE11A protein. Phosphorylated Ser 117 & 124.
Immunoglobulin	IgG
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. Isoform 4 is expressed i
Modification	Phosphorylated
Determinant	Mid Region
Molecular Function	Hydrolase, metal-ion binding, cGMP binding
Subcellular Location	Cytoplasm
Preparation and Storage	-20• degree C for long term storage



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE11A antibody	Affinity Purified Phosphorylated Cyclic Nucleotide Phosphodiesterase 11A Antibody 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; Phosphodiesterases; Phospho-PDE11A Antibody (S117 & S124)

NCBI AND UNIPROT INFORMATION

NCBI GI #	18266694
NCBI GeneID	140928
NCBI Accession #	NP_543169
NCBI GenBank Nucleotide #	NM_080893.1
UniProt Accession #	Q9HCR9; Q8VID7; Q8VID8; Q8VID6
Molecular Weight	66,142 Da
NCBI Official Full Name	dual 3',5'-cyclic-AMP and -GMP phosphodiesterase 11A isoform 4
NCBI Official Synonym Full Names	phosphodiesterase 11A
NCBI Official Symbol	Pde11a
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_RAT

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.