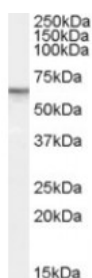




## PDE11A Antibody

CATALOG NUMBER: 46-150



Western Blot (1ug/ml) staining of Human Prostate lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:2000. Western Blot: Approx 60-65kDa band observed in Human Skeletal Muscle and Human Prostate lysates (calculated MW of 65.7kDa according to NP_001070826.1). Recommended concentration: 0.5-1.5ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1312 - Human Prostate Tissue Lysate
<b>SPECIFICITY:</b>	This antibody is expected to recognise all four reported isoforms (NP_058649.3 ; NP_001070665.1; NP_001070826.1; NP_001070664.1).
<b>IMMUNOGEN:</b>	PDE11A antibody was raised against a 14 amino acid synthetic peptide near the internal region of PDE11A.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	PDE11A antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PDE11A antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	PDE11A, phosphodiesterase 11A, FLJ23693, MGC133355, MGC133356, PPNAD2, cAMP and cGMP cyclic nucleotide phosphodiesterase 11A, cyclic nucleotide phosphodiesterase 11A, dual 3', 5'-cyclic-AMP and -GMP phosphodiesterase 11A
<b>ACCESSION NO.:</b>	NP_058649.3 , NP_001070665.1, NP_001070826.1, NP_001070664.1

**PROTEIN GI NO.:** 116536085

**OFFICIAL SYMBOL:** PDE11A

**GENE ID:** 50940

### Background

**REFERENCES:** 1) Horvath A, Boikos S, Giatzakis C, Robinson-White A, Groussin L, Griffin KJ, Stein E, Levine E, Delimpasi G, Hsiao HP, Keil M, Heyerdahl S, Matyakhina L, Libe R, Fratticci A, Kirschner LS, Cramer K, Gaillard RC, Bertagna X, Carney JA, Bertherat J, Bossis I, Stratakis CA. A genome-wide scan identifies mutations in the gene encoding phosphodiesterase 11A4 (PDE11A) in individuals with adrenocortical hyperplasia. Nat Genet. 2006 Jul;38(7):794-800. Epub 2006 Jun 11.

**FOR RESEARCH USE ONLY**

December 22, 2016