

PDE11A Polyclonal Antibody

Catalog No: #29736

Package Size: #29736-1 50ul #29736-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

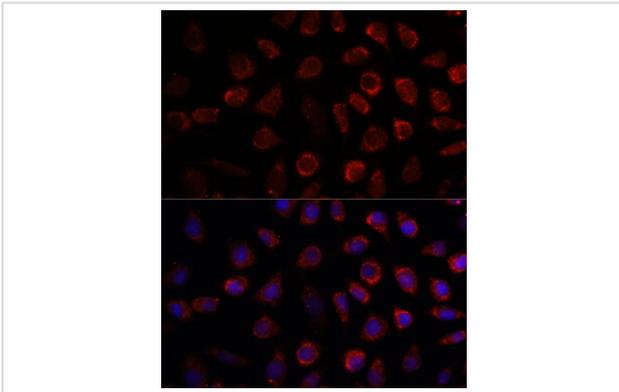
Description

Product Name	PDE11A Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PDE11A (NP_058649.3).
Other Names	PDE11A; PPNAD2; phosphodiesterase 11A
Accession No.	Swiss-Prot#:Q9HCR9NCBI Gene ID:50940
Uniprot	Q9HCR9
GeneID	50940;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

Images



Immunofluorescence analysis of L929 cells using PDE11A at dilution of 1:100. Blue: DAPI for nuclear staining.

Background

The 3' and 5' cyclic nucleotides cAMP and cGMP function as second messengers in a wide variety of signal transduction pathways. 3' and 5' cyclic nucleotide phosphodiesterases (PDEs) catalyze the hydrolysis of cAMP and cGMP to the corresponding 5' monophosphates and provide a mechanism to downregulate cAMP and cGMP signaling. This gene encodes a member of the PDE protein superfamily. Mutations in this gene are a cause of Cushing disease and adrenocortical hyperplasia. Multiple transcript variants encoding different

isoforms have been found for this gene.

Note: This product is for in vitro research use only