

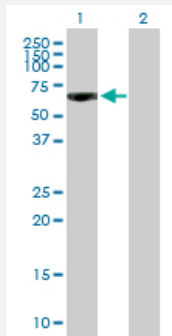
MaxPab®

PDE9A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005152-B01P

Size 50 ug

Applications

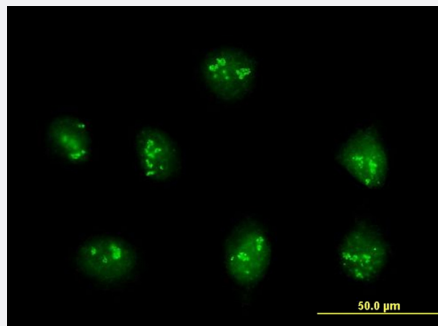


Western Blot (Transfected lysate)

Western Blot analysis of PDE9A expression in transfected 293T cell line ([H00005152-T01](#)) by PDE9A MaxPab polyclonal antibody.

Lane 1: PDE9A transfected lysate(58.63 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PDE9A on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PDE9A protein.

Immunogen

PDE9A (NP_001001567.1, 1 a.a. ~ 533 a.a) full-length human protein.

Sequence	MSGSSSYRPKAMLDIDGRIQKVIFSKYCNSSDIMDLFCIATGLPRNTTISLLTTDDAMVSDPTMPA NSERTPYKVRPVAIKQLSEREELIQSVLAQVAEQFSRAFKINELKAEVANHLAVLEKRVELEGLKV VEIEKCKSDIKKMREELAARSSRTNCPCKYSFLDNHKKLTPRRDVPTYPKYLLSPETIEALRKPTFD VWLWEPNEMLSCLEHMYHDLGLVRDFSINPVTLRRWLFVHDNYRNNPFHNFRHCFVCVAQMMY SMVWLCSLQEKFSQTDILILMTAAICHDLDPGYNNYQINARTELA VRYNDISPLENHHCAVAFQIL AEPECNIFSNIPDPGFKQIRQGMITLILATDMARHAEIMDSFKEKMFNDYSNEEHMTLLKMLIKCC DISNEVRPMEVAEPWVDCLEEFYMQSDREKSEGLPVAPFMDRDKVTKATAQIGFIKFLIPMFE TVTKLFPMVEEIMLQPLWESRDYEELKRIDDAMKELQKKTDSL TSGATEKSRERSRDVKNSEG DCA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — PDE9A

Entrez GeneID	5152
GeneBank Accession#	NM_001001567.1
Protein Accession#	NP_001001567.1
Gene Name	PDE9A

Gene Alias	HSPDE9A2
Gene Description	phosphodiesterase 9A
Omim ID	602973
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene catalyzes the hydrolysis of cAMP and cGMP to their corresponding monophosphates. The encoded protein plays a role in signal transduction by regulating the intracellular concentration of these cyclic nucleotides. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	CGMP-specific 3',5'-cyclic phosphodiesterase type 9 OTTHUMP00000109390 OTTHUMP00000109391 OTTHUMP00000109393 OTTHUMP00000109394 OTTHUMP00000109397 OTTHUMP00000109399 OTTHUMP00000109400 phosphodiesterase PDE9A21

Pathway

- [Purine metabolism](#)

Disease

- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Psychiatric Status Rating Scales](#)
- [Tobacco Use Disorder](#)