

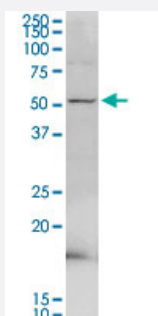
MaxPab®

PDE9A MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005152-D01

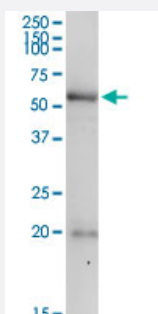
Size 100 uL

Applications



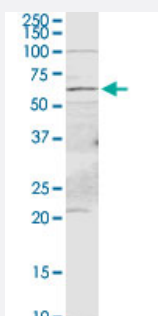
Western Blot (Tissue lysate)

PDE9A MaxPab rabbit polyclonal antibody. Western Blot analysis of PDE9A expression in mouse lung.



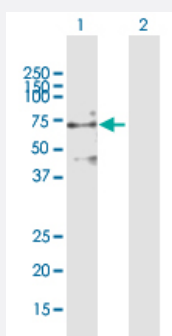
Western Blot (Tissue lysate)

PDE9A MaxPab rabbit polyclonal antibody. Western Blot analysis of PDE9A expression in human colon.



Western Blot (Cell lysate)

PDE9A MaxPab rabbit polyclonal antibody. Western Blot analysis of PDE9A expression in Jurkat.

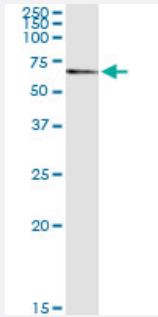


Western Blot (Transfected lysate)

Western Blot analysis of PDE9A expression in transfected 293T cell line ([H00005152-T02](#)) by PDE9A MaxPab polyclonal antibody.

Lane 1: PDE9A transfected lysate(61.70 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PDE9A transfected lysate using anti-PDE9A MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PDE9A purified MaxPab mouse polyclonal antibody (B01P) ([H00005152-B01P](#)).

Specification

Product Description	Rabbit 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	MGSGSSSYRPKAMLDIDGRIQKVIFSKYCNSSDIMDLFCIATGLPRNTTISLLTTDDAMVSIDPTMPA NSERTPYKVRPVAIKQLSEREELIQSVLAQVAEQFSRAFKINELKAEVANHLAVLEKRVELEGLKV VEIEKCKSDIKKMREELAARSSRTNCPCKYSFLDNHKKLTPRRDVPTYPKYLLSPETIEALRKPTFD VWLWEPNEMLSCLEHMYHDLGLVRDFSINPVTLRRWLFVHDNYRNNPFHNRHCFVCVAQMMY SMVWLCSLQEKFSQTDILILMTAAICHDLDPGYNNTYQINARTELAVRYNDISPLENHHC AVAFQIL AEPECNIFSNIPPDGFKQIRQGMITLILATDMARHAEIMDSFKEKMENFDYSNEEHMTLLKMILKCC DISNEVRPMEVAEPWVDCLEEEYFMQSDREKSEGLPVAPFMDRDKVTKATAQIGFIKFVLI PMFE TVTKLFPMVEEIMLQPLWESRDYEELKRIDDAMKELQKKTDSLTSGATEKSRERSRDVKNSEG DCA
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (93); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PDE9A MaxPab rabbit polyclonal antibody. Western Blot analysis of PDE9A expression in mouse lung.

[Protocol Download](#)

- Western Blot (Tissue lysate)

PDE9A MaxPab rabbit polyclonal antibody. Western Blot analysis of PDE9A expression in human colon.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDE9A MaxPab rabbit polyclonal antibody. Western Blot analysis of PDE9A expression in Jurkat.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PDE9A expression in transfected 293T cell line ([H00005152-T02](#)) by PDE9A MaxPab polyclonal antibody.

Lane 1: PDE9A transfected lysate(61.70 KDa).

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[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of PDE9A transfected lysate using anti-PDE9A MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PDE9A purified MaxPab mouse polyclonal antibody (B01P) ([H00005152-B01P](#)).

[Protocol Download](#)

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](#)