

DNAxPAb

Hard-to-Find
Antibody

PDE9A DNAxPab

Catalog # H00005152-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PDE9A DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGSGSSSYRPKAMLDIDGRIQKVIFSKYCNSSDIMDLFCIATGLPRNTTISLLTTDDAMV SIDPTMPA NSERTPYKVRPVAIKQLSEREELIQSVLAQVAEQFSRAFKINELKAEVANHLAVLEKRVELEGLKV VEIEKCKSDIKKMREELAARSSRTNCPCKYSFLDNHKKLTPRRDVPTYPKYLLSPETIEALRKPTFD VWLWEPNEMLSCLEHMYHDLGLVRDFSINPVTLRRLFCVHDNYRNNPFHNRHCF CVAQMMY SMVWLCSLQEKFSQTDILIMTAAICHDLDPGYNNYQINARTELAVRYNDISPLENHCAVAFQIL AEPECNIFSNIPPDGFKQIRQGMITLILATDMARHAEIMDSFKEKMENFDYSNEEHMTLLKMILIKCC DISNEVRPMEVAEPWVDCLEEFYMQSDREKSEGLPVAPFMDRDKVTKATAQIGFIKFLIPMFE TVTKLFPMVEEIMLQPLWESRDYELKRIDDAMKELQKKTDSL TSGATEKSRERSRDVKNSEG DCA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)