

Rabbit PDE3A Polyclonal Antibody | anti-PDE3A antibody

PDE3A Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281872	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

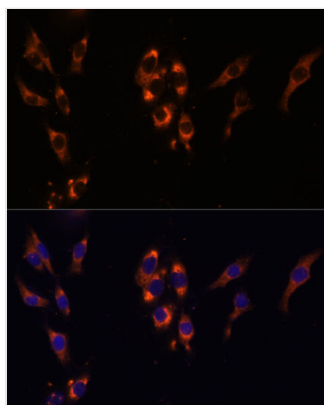
PRODUCT SYNONYMS

PDE3A; Polyclonal Antibody; PDE3A Rabbit pAb; HTNB; CGI-PDE; CGI-PDE A; CGI-PDE-A; anti-PDE3A antibody

PRODUCT SPECIFICATIONS

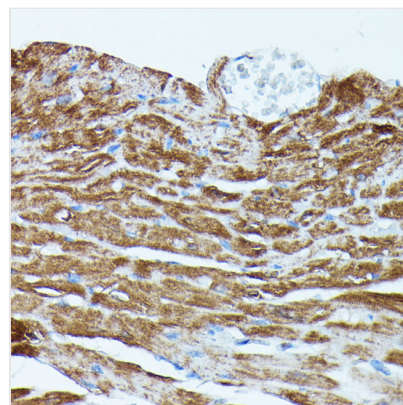
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	LLSTQLTFQA IHKPRVNPVT SLSENYTCSD SEESSEKDKL AIPKRLRRSL PPGLLRVSS TWTTTTSATG LPTLEPAPVR RDRSTSIKLQ EAPSSSPDSW NNPVMMTLTK SRSFTSSYAI SAANHVKAKK QSRPGALAKI SPLSSPCSSP LQGTPASSLV SKISAVQFPE SADTTAKQSL GSHRALTYTQ SAPDLSPQIL TPPVICSSCG RPYSQGNPAD EPLERSGVAT RTPSRDDTA QVTSDETNN NSDSSDIVQN EDETECLREP LRKASACSTY A
Applicable Applications for anti-PDE3A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 380-660 of human PDE3A (NP_000912.3).
Positive Samples	HepG2, mouse lung, mouse heart, mouse brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



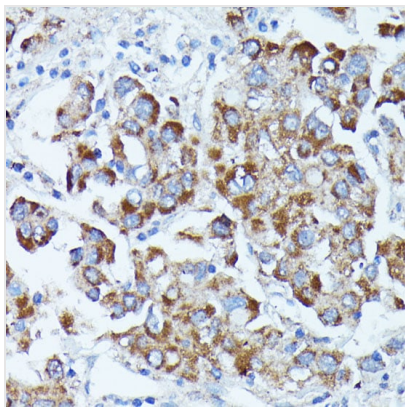
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using PDE3A Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



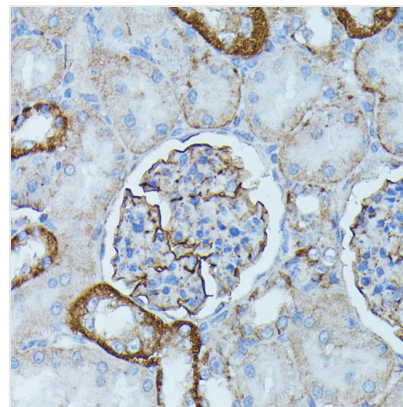
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using PDE3A antibody at dilution of 1:100 (40x lens).



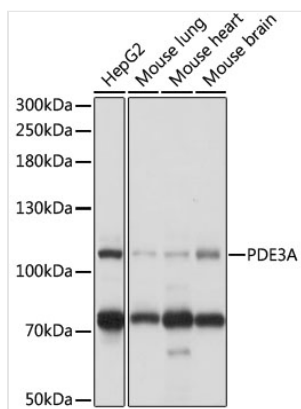
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using PDE3A antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using PDE3A antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PDE3A antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-PDE3A antibody

Background: This gene encodes a member of the cGMP-inhibited cyclic nucleotide phosphodiesterase (cGI-PDE) family. cGI-PDE enzymes hydrolyze both cAMP and cGMP, and play critical roles in many cellular processes by regulating the amplitude and duration of intracellular cyclic nucleotide signals. The encoded protein mediates platelet aggregation and also plays important roles in cardiovascular function by regulating vascular smooth muscle contraction and relaxation. Inhibitors of the encoded protein may be effective in treating congestive heart failure. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	70608155
NCBI GeneID	5139
UniProt Accession #	Q14432 ; O60865 ; Q13348 ; Q17RD1
NCBI Official Full Name	cGMP-inhibited 3',5'-cyclic phosphodiesterase A [Homo sapiens]
NCBI Official Synonym Full Names	phosphodiesterase 3A, cGMP-inhibited
NCBI Official Symbol	PDE3A
NCBI Official Synonym Symbols	CGI-PDE; PDE3A
UniProt Protein Name	cGMP-inhibited 3',5'-cyclic phosphodiesterase A

UniProt Gene Name	PDE3A
UniProt Entry Name	PDE3A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pde3a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281872>