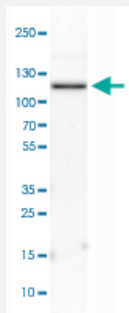


PDE3A polyclonal antibody

Catalog # PAB31446

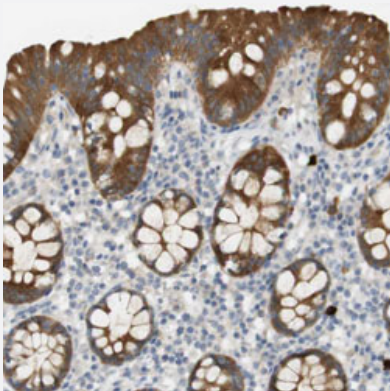
Size 100 uL

Applications



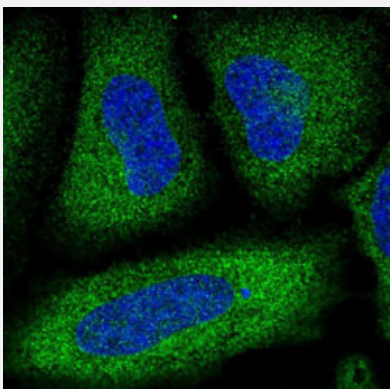
Western Blot (Cell lysate)

Western Blot analysis of HEL cell lysate with PDE3A polyclonal antibody (Cat # PAB31446).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon with PDE3A polyclonal antibody (Cat # PAB31446) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of HeLa cells with PDE3A polyclonal antibody (Cat # PAB31446) (Green) shows localization to cytosol.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PDE3A.
Immunogen	Recombinant protein corresponding to human PDE3A.
Sequence	SPQLTPPVICSSCGRPYSQGNPADEPLERSGVATRTPSRTDDTAQVTSYETNNNSDSSDIVQN EDETECLREPLRKASACSTYAPETMMFLDKPILAPEPLVMDNLDSIMEQLNT
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HEL cell lysate with PDE3A polyclonal antibody (Cat # PAB31446).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon with PDE3A polyclonal antibody (Cat # PAB31446) shows strong cytoplasmic positivity in glandular cells.

- Immunofluorescence

Immunofluorescent staining of HeLa cells with PDE3A polyclonal antibody (Cat # PAB31446) (Green) shows localization to cytosol.

Gene Info — PDE3A

Entrez GeneID	5139
Protein Accession#	Q14432
Gene Name	PDE3A
Gene Alias	CGI-PDE
Gene Description	phosphodiesterase 3A, cGMP-inhibited
Omim ID	123805
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	cGMP-inhibited 3',5'-cyclic phosphodiesterase A cyclic GMP inhibited phosphodiesterase A

Pathway

- [Insulin signaling pathway](#)
- [Purine metabolism](#)

Disease

- [Azoospermia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Infertility](#)
- [Oligospermia](#)
- [Ventricular Dysfunction](#)