

Rabbit PDE4A Polyclonal Antibody | anti-PDE4A antibody

PDE4A Polyclonal Antibody

CATALOG # AAA22270	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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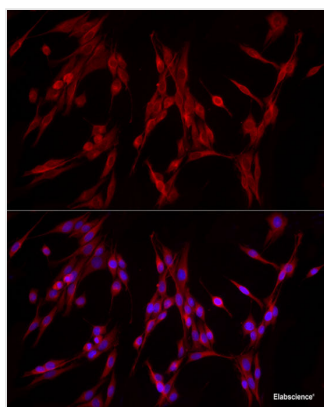
PRODUCT SYNONYMS

PDE4A; Polyclonal Antibody; PDE4A Polyclonal Antibody; PDE4; DPDE2; PDE46; anti-PDE4A antibody

PRODUCT SPECIFICATIONS

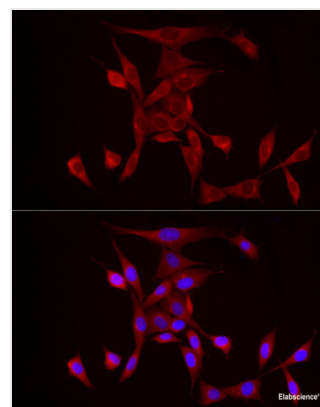
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PDE4A antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human PDE4A
Research Area	Cancer, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



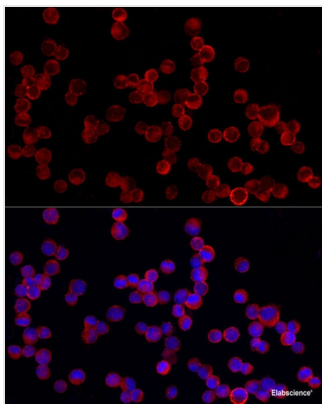
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using PDE4A Polyclonal Antibody at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



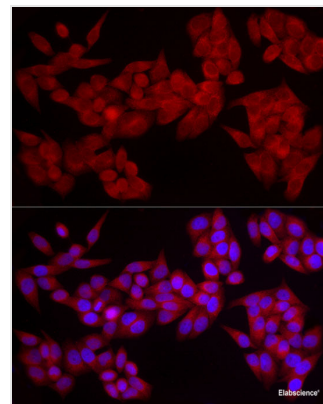
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using PDE4A Polyclonal Antibody at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



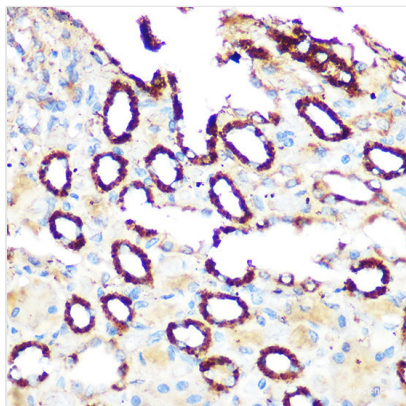
IF (Immunofluorescence)

Immunofluorescence analysis of K-562 cells using PDE4A Polyclonal Antibody at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



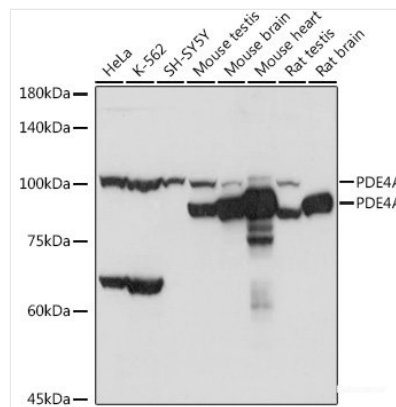
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using PDE4A Polyclonal Antibody at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using PDE4A Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using PDE4A Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PDE4A antibody	The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE) family, and PDE4 subfamily. This PDE hydrolyzes the second messenger, cAMP, which is regulator and mediator of a number of cellular responses to extracellular signals. Thus, by regulating the cellular concentration of cAMP, this protein plays a key role in many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Product Categories/Family for anti-PDE4A antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	116242706
NCBI GeneID	5141
UniProt Accession #	P27815 ; O75522 ; O76092 ; Q16255 ; Q16691 ; Q5DM53 ; Q6PMT2 ; Q8IVA7 ; Q8WUQ3 ; Q9H3H2
Molecular Weight	886
NCBI Official Full Name	cAMP-specific 3',5'-cyclic phosphodiesterase 4A
NCBI Official Synonym Full Names	phosphodiesterase 4A, cAMP-specific
NCBI Official Symbol	PDE4A
NCBI Official Synonym Symbols	PDE4; DPDE2; PDE46

NCBI Protein Information	cAMP-specific 3',5'-cyclic phosphodiesterase 4A; phosphodiesterase isozyme 4; phosphodiesterase 4A, cAMP-specific (dunce; phosphodiesterase E2 dunce homolog, Drosophila
UniProt Protein Name	cAMP-specific 3',5'-cyclic phosphodiesterase 4A
UniProt Gene Name	PDE4A
UniProt Synonym Gene Names	DPDE2
UniProt Entry Name	PDE4A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/pde4a-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/22270>