

Rabbit anti-Human PDE4A Polyclonal Antibody | anti-PDE4A antibody

PDE4A Antibody

CATALOG # AAA307301	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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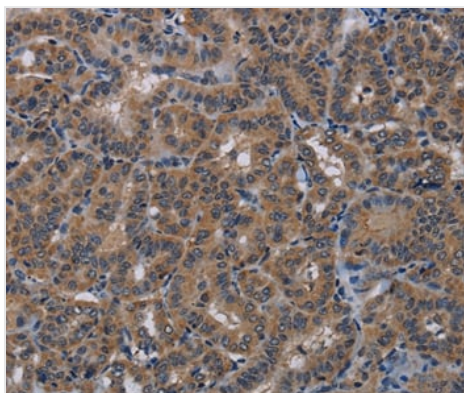
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

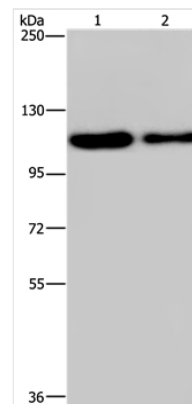
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PDE4A protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.4 mg/ml (varies by lot)
Sequence Length	886
Applicable Applications for anti-PDE4A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human phosphodiesterase 4A, cAMP-specific
Target Name	PDE4A
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.



Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): HeLa and A172 cell Amount of lysate: 40ug per lane Primary antibody: 1/300 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

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 a 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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	162329608
NCBI GeneID	5141
NCBI Accession #	NP_001104777.1
NCBI GenBank Nucleotide #	NM_001111307.1
UniProt Accession #	P27815; O75522; O76092; Q16255; Q16691; Q5DM53; Q6PMT2; Q8IVA7; Q8WUQ3; Q9H3H2
Molecular Weight	95,571 Da
NCBI Official Full Name	cAMP-specific 3',5'-cyclic phosphodiesterase 4A isoform 1
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pde4a-antibody-immunohistochemistry-western-blot-elisa/307301>