

Rabbit PDE12 Polyclonal Antibody | anti-PDE12 antibody

PDE12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75996	Rabbit	Human, Monkey, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

PDE12; Polyclonal Antibody; PDE12 Antibody; 2 PDE; 2' 5' phosphodiesterase 12; 2' phosphodiesterase; 2'; 5'-phosphodiesterase 12; 2'-PDE; 2-PDE; 2PDE; DKFZp667B1218; Pde12; PDE12_HUMAN; Phosphodiesterase 12 antibody; anti-PDE12 antibody

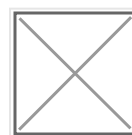
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	705
Applicable Applications for anti-PDE12 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 570-620 on human PDE12 protein.
Immunoglobulin	IgG
Expression	Ubiquitous
Molecular Function	Metal ion binding; poly (A)-specific ribonuclease activity
Structure	Belongs to the CCR4/nocturin family.
Subcellular Location	Mitochondrion Matrix
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE12 antibody	Affinity Purified Phosphodiesterase 12 Antibody Enzyme that cleaves 2', 5'-phosphodiester bond linking adenosines of the 5'-triphosphorylated oligoadenylates, triphosphorylated oligoadenylates referred as 2-5A modulates the 2-5A system. This enzyme degraded triphosphorylated 2-5A to produce AMP and ATP. Also cleaves 3', 5'-phosphodiester bond of oligoadenylates. Plays a role as a negative regulator of the The 2-5A system that is one of the major pathways for antiviral and antitumor functions induced by interferons (IFNs). Suppression of this enzyme induces reduction of viral replication in Hela cells, thus counteracting the antiviral pathway probably by inhibiting the 2-5A system.
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Product Categories/Family for anti-PDE12 antibody

Primary Antibodies; Signal Transduction; Phosphodiesterases; PDE12 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539973
NCBI GeneID	306231
NCBI Accession #	NP_001014020
NCBI GenBank Nucleotide #	NM_001013998.2
UniProt Accession #	Q6L8Q7; Q8IYU3; Q8NDU2; Q8TE78; B4DTU8; Q6AXQ5
Molecular Weight	58,890 Da
NCBI Official Full Name	2',5'-phosphodiesterase 12
NCBI Official Synonym Full Names	phosphodiesterase 12
NCBI Official Symbol	Pde12
NCBI Official Synonym Symbols	LRRGT00074; RGD1310975
NCBI Protein Information	2',5'-phosphodiesterase 12
UniProt Protein Name	2',5'-phosphodiesterase 12
UniProt Gene Name	PDE12
UniProt Synonym Gene Names	2'-PDE; 2-PDE
UniProt Entry Name	PDE12_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://stage.aaabiotech.com/polyclonal/pde12-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75996>