

Rabbit PDE12 Polyclonal Antibody | anti-PDE12 antibody

PDE12 antibody - middle region

CATALOG # AAA200291	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot
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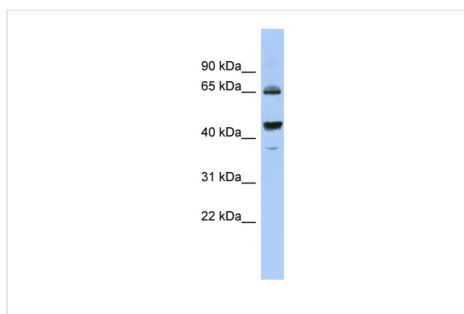
PRODUCT SYNONYMS

PDE12; Polyclonal Antibody; PDE12 antibody - middle region; anti-PDE12 antibody

PRODUCT SPECIFICATIONS

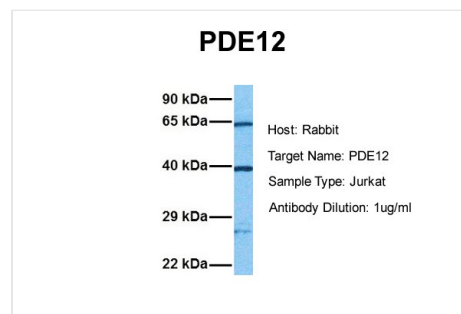
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: CL DYIFIDLNAL EVEQVIPLPS HEEVTTHQAL PSVSHPSDHI ALVCDLKW
Sequence Length	609
Applicable Applications for anti-PDE12 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human 2'-PDE
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PDE12 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: OVCAR-3 cell lysate
 PDE12 is supported by BioGPS gene expression data to be expressed in OVCAR3



WB (Western Blot)

Host: Rabbit
 Target Name: PDE12
 Sample Tissue: Human Jurkat
 Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PDE12 antibody	This is a rabbit polyclonal antibody against 2'-PDE. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 2'-PDE is an 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. 2'-PDE also cleaves 3',5'-phosphodiester bond of oligoadenylates. 2'-PDE play a role as a negative regulator of 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.
Product Categories/Family for anti-PDE12 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	189027129
NCBI GeneID	201626
NCBI Accession #	NP_808881
NCBI GenBank Nucleotide #	NM_177966
UniProt Accession #	Q6L8Q7
Molecular Weight	67kDa
NCBI Official Full Name	2',5'-phosphodiesterase 12 isoform 1
NCBI Official Synonym Full Names	phosphodiesterase 12
NCBI Official Symbol	PDE12
NCBI Official Synonym Symbols	2-PDE; 2'-PDE
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

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-elisa/200291>