

Rabbit PDE9A Polyclonal Antibody | anti-PDE9A antibody

PDE9A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199616	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

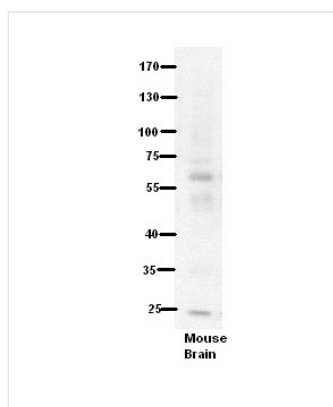
PRODUCT SYNONYMS

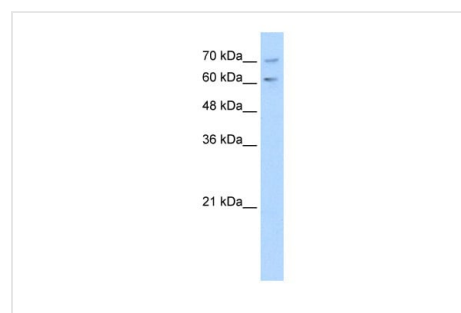
PDE9A; Polyclonal Antibody; PDE9A Antibody; anti-PDE9A antibody

PRODUCT SPECIFICATIONS

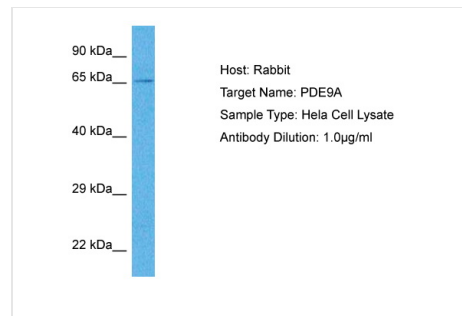
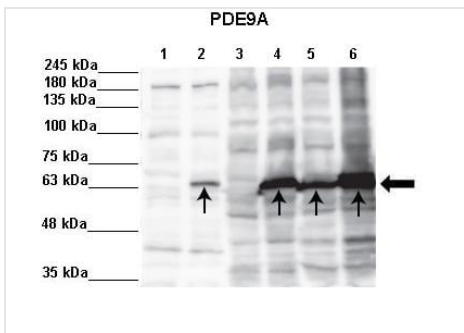
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SD IKKMREELAA RSSRTNCPCCK YSFLDNHKKL TPRRDVPTYP KYLLSPET
Sequence Length	526
Applicable Applications for anti-PDE9A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Dog: 79%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PDE9A
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-PDE9A Antibody Titration: 5% MilkELISA Titer: dilution: 1:500
Positive Control: Mouse Brain lysate

WB (Western Blot)

WB Suggested Anti-PDE9A Antibody Titration: 1.0 ug/ml
Positive Control: Jurkat cell lysate

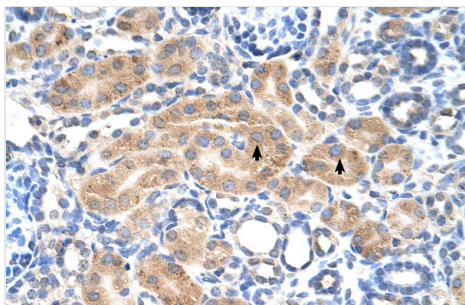


WB (Western Blot)

Sample Type :Lane 1: 5ug in vitro translation without DNA Lane 2: 5ug in vitro translation hNeur1-pcDNA3 Lane 3: 60ug in vitro translation rNeur1-pcDNA3 Lane 4: 60ug HEK293 cell lysate (not transfected) Lane 5: 60ug hNeur1-pcDNA3 overexpressed in HEK293 cells Lane 6: 60ug rNeur1-pcDNA3 overexpressed in HEK293 cells Primary Antibody Dilution :1:1000 Secondary Antibody:Anti-rabbit-HRP Secondary Antibody Dilution:1:5000 Color/Signal Descriptions:PDE9A Gene Name:Kati Taal and Richard Tamme, Department of Gene Technology, Tallinn University of Technology. Submitted by:

WB (Western Blot)

Host: RabbitTarget Name: PDE9ASample Tissue: Human Hela Whole CellAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-PDE9A antibody

This is a rabbit polyclonal antibody against PDE9A. It was validated on Western Blot and immunohistochemistry

Target Description: PDE9A catalyzes the hydrolysis of cAMP and cGMP to their corresponding monophosphates. The protein plays a role in signal transduction by regulating the intracellular concentration of these cyclic nucleotides.The protein encoded by this gene catalyzes the hydrolysis of cAMP and cGMP to their corresponding monophosphates. The encoded protein plays a role in signal transduction by regulating the intracellular concentration of these cyclic nucleotides. Multiple transcript variants encoding several different isoforms have been found for this gene.

Product Categories/Family for anti-PDE9A antibody

[Polyclonal](#); [Signal Proteins](#); [Lymphocyte Signaling](#); [Membrane Protein](#); [Developmental Biology](#); [Immunohistochemistry](#); [Receptors](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762746
NCBI GeneID	5152
NCBI Accession #	NP_001001581
NCBI GenBank Nucleotide #	NM_001001581
UniProt Accession #	O76083
Molecular Weight	61kDa
NCBI Official Full Name	high affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A isoform m
NCBI Official Synonym Full Names	phosphodiesterase 9A

NCBI Official Symbol	PDE9A
NCBI Official Synonym Symbols	HSPDE9A2
NCBI Protein Information	high affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A
UniProt Protein Name	High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A
UniProt Gene Name	PDE9A
UniProt Entry Name	PDE9A_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/pde9a-antibody-western-blot-immunohistochemistry-elisa/199616>