

Rabbit PDE1A Polyclonal Antibody | anti-PDE1A antibody

PDE1A antibody - C-terminal region

CATALOG # AAA200308	HOST Rabbit	REACTIVITY Dog, Human, Mouse, Rat	APPLICATIONS Western Blot
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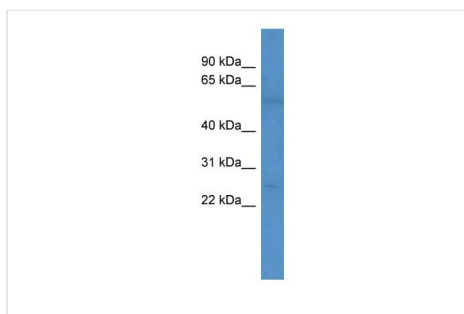
PRODUCT SYNONYMS

PDE1A; Polyclonal Antibody; PDE1A antibody - C-terminal region; anti-PDE1A antibody

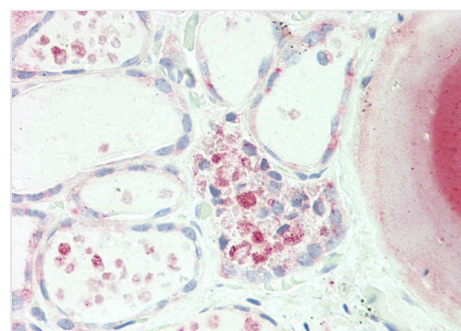
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Human, Mouse, 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: AV DLKSFKNNLV DIIQNKERW KELAAQGSD LHKNSDLVN AEEKHDET
Sequence Length	545
Applicable Applications for anti-PDE1A antibody	WB (Western Blot)
Homology	Dog: 93%; Human: 100%; Mouse: 86%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PDE1A
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

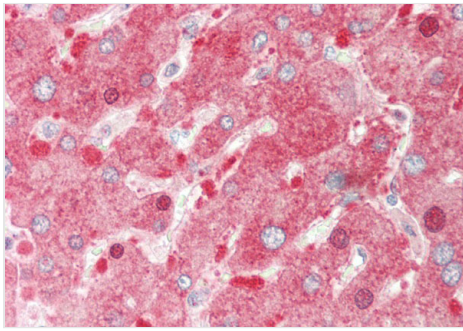


WB (Western Blot)

WB Suggested Anti-PDE1A Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Jurkat cell lysate


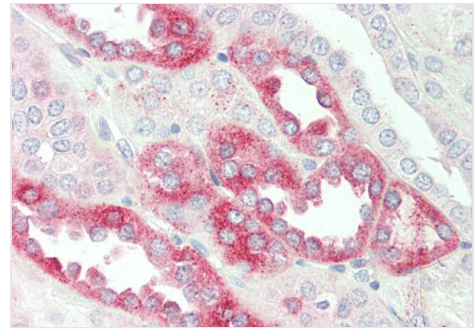
IHC (Immunohistochemistry)

Rabbit Anti-PDE1A antibody
Formalin Fixed Paraffin Embedded Tissue: Human Thyroid
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-PDE1A antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-PDE1A antibody
Formalin Fixed Paraffin Embedded Tissue: Human Kidney
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-PDE1A antibody	This is a rabbit polyclonal antibody against PDE1A. It was validated on Western Blot Target Description: PDE1A belongs to the cyclic nucleotide phosphodiesterase family. It has a higher affinity for cGMP than for cAMP. The exact function of PDE1A remains unknown.
Product Categories/Family for anti-PDE1A antibody	Polyclonal ; RNA Binding Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361262
NCBI GeneID	5136
NCBI Accession #	NP_005010
NCBI GenBank Nucleotide #	NM_005019
UniProt Accession #	P54750
Molecular Weight	60kDa
NCBI Official Full Name	calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A isoform 1
NCBI Official Synonym Full Names	phosphodiesterase 1A
NCBI Official Symbol	PDE1A
NCBI Official Synonym Symbols	HCAM1; HCAM-1; HSPDE1A; CAM-PDE 1A; CAM-PDE-1A
NCBI Protein Information	calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A
UniProt Protein Name	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A
UniProt Gene Name	PDE1A
UniProt Synonym Gene Names	Cam-PDE 1A
UniProt Entry Name	PDE1A_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/pde1a-antibody-western-blot-elisa/200308>