

Rabbit PDE1C Polyclonal Antibody | anti-PDE1C antibody

PDE1C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75643	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

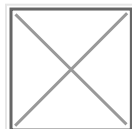
PRODUCT SYNONYMS

PDE1C; Polyclonal Antibody; PDE1C Antibody; 5'-cyclic nucleotide phosphodiesterase 1C; Calcium/calmodulin dependent 3'5' cyclic nucleotide phosphodiesterase 1C; Cam PDE 1C; HCAM3; HSPDE1C1A; Human 3'5' cyclic nucleotide Phosphodiesterase; PDE 1C; Phosphodiesterase 1C; Phosphodiesterase 1C calmodulin dependent antibody; anti-PDE1C antibody

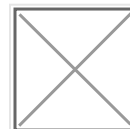
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody does not cross-react with PDE1A, PDE1B, or other PDE family members. This antibody will label all PDE1C variants including PDE1C1, PDE1C2, and PDE1C3.
Form/Format	Affinity Purified
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	2694
Applicable Applications for anti-PDE1C antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic peptide corresponding to unique amino acid sequence on PDE1C gene.
Expression	Expressed in several tissues, including brain and heart.
Determinant	N-epitope
Molecular Function	Hydrolase, calmodulin-dependent cyclic-nucleotide phosphodiesterase activity, metal ion binding
Structure	Homodimer
Subcellular Location	Cytosol
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE1C antibody	Affinity Purified Human 3', 5' cyclic nucleotide phosphodiesterase (HSPDE1C1A) Antibody N-epitope Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Has a high affinity for both cAMP and cGMP.
Product Categories/Family for anti-PDE1C antibody	Primary Antibodies; Signal Transduction; Phosphodiesterases; PDE1C Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	1151110
NCBI GeneID	5137
UniProt Accession #	Q14123; Q14124; Q8NB10; B3KPC6; E9PE92
Molecular Weight	86,896 Da
NCBI Official Full Name	Human 3',5' cyclic nucleotide phosphodiesterase (HSPDE1C1A) mRNA, complete cds
NCBI Official Synonym Full Names	phosphodiesterase 1C
NCBI Official Symbol	PDE1C
NCBI Official Synonym Symbols	Hcam3; hCam-3; cam-PDE 1C
NCBI Protein Information	calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C
UniProt Protein Name	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C
UniProt Gene Name	PDE1C
UniProt Synonym Gene Names	Cam-PDE 1C
UniProt Entry Name	PDE1C_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/pde1c-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/75643>