

Rabbit anti-Human PDE8A Polyclonal Antibody | anti-PDE8A antibody

PDE8A Antibody (Center) (L572)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285174	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

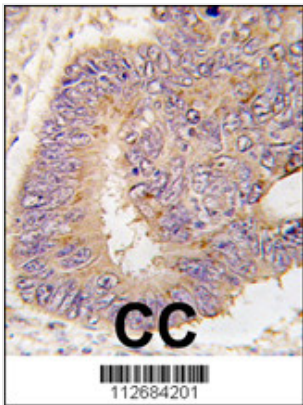
PRODUCT SYNONYMS

PDE8A; Polyclonal Antibody; PDE8A Antibody (Center) (L572); High affinity cAMP-specific and IBMX-insensitive 3'; 5'-cyclic phosphodiesterase 8A; anti-PDE8A antibody

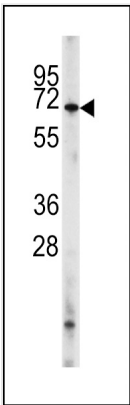
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDE8A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 557-587 amino acids from the Central region of human PDE8A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	557-587
Sequence Length	757
Applicable Applications for anti-PDE8A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with PDE8A antibody (Center) (L572) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PDE8A Antibody (Center) (L572) in HL60 cell line lysates (35ug/lane). PDE8A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PDE8A antibody	PDE8A plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. This phosphodiesterase, which has a high affinity for cAMP, may be involved in maintaining basal levels of the cyclic nucleotide and/or in the cAMP regulation of germ cell development.
Product Categories/Family for anti-PDE8A antibody	Signal Transduction
References	Wu,P., Proc. Natl. Acad. Sci. U.S.A. 101 (51), 17634-17639 (2004) Gamanuma,M., Cell. Signal. 15 (6), 565-574 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	341823698
NCBI GeneID	5151
NCBI Accession #	NP_001230066.1; NP_002596.1; NP_775656.1
NCBI GenBank Nucleotide #	NM_001243137.1
UniProt Accession #	O60658; Q6P9H3; Q969I1; Q96PC9; Q96PD0; Q96PD1; Q96T71; Q9UMB7; Q9UMC3; B3KXE6; H0YMZ7
Molecular Weight	93304
NCBI Official Full Name	high affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A isoform 3
NCBI Official Synonym Full Names	phosphodiesterase 8A
NCBI Official Symbol	PDE8A
NCBI Official Synonym Symbols	HsT19550
NCBI Protein Information	high affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A
UniProt Protein Name	High affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A
UniProt Gene Name	PDE8A
UniProt Entry Name	PDE8A_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.

