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Datasheet for ABIN7465122 anti-PDE3A antibody



Overview

Quantity:	100 μL
Target:	PDE3A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE3A antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human PDE3A. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PDE3A
Alternative Name:	phosphodiesterase 3A (PDE3A Products)
Background:	Phosphodiesterase 3A , CGI-PDE , CGI-PDE A , CGI-PDE-A , HTNB,Cyclic nucleotide phosphodiesterases (PDEs) comprise a complex group of enzymes, and at least 5 major PDE
	families or classes with distinctive properties have been identified. Members of the cGMP-

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Target Details	
	inhibited cAMP PDE (cGI-PDE) family, such as PDE3A, are characterized by high affinity for cAMP and cGMP and competitive inhibition of their cAMP hydrolytic activity by cGMP and certain positive inotropic agents (Meacci et al., 1992 [PubMed 1315035]).[supplied by OMIM]
Molecular Weight:	125 kDa
Gene ID:	5139
UniProt:	Q14432
Pathways:	cAMP Metabolic Process
Application Details	
Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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