

Datasheet for ABIN2781828
anti-PDE3A antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PDE3A
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Pig, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PDE3A
Sequence:	LLADPSLPPN VCTSLRAVSN LLSTQLTFQA IHKPRVNPVT SLENYTCSD
Predicted Reactivity:	Cow: 79%, Dog: 79%, Horse: 86%, Human: 100%, Pig: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against PDE3A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PDE3A
Alternative Name:	PDE3A (PDE3A Products)

Target Details

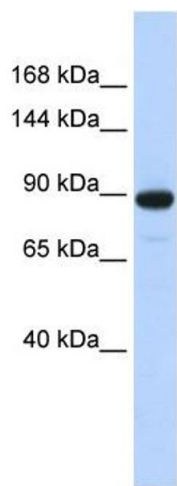
Background:	PDE3A belongs to the cyclic nucleotide phosphodiesterase family. It hydrolyzes both cyclic AMP (cAMP) and cyclic GMP (cGMP). Alias Symbols: CGI-PDE, CGI-PDE A, CGI-PDE-A Protein Interaction Partner: MMS19, TRMT1, GMPPB, RANBP6, GANAB, UBE4B, CSDE1, MSH2, JUP, DPYSL2, ATP6V1B2, YWHAQ, UBC, Protein Size: 1141
Molecular Weight:	125 kDa
Gene ID:	5139
NCBI Accession:	NM_000921 , NP_000912
UniProt:	Q14432
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1141 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PDE3A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: MCF7 cell lysate