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anti-PDE1C antibody (N-Term)





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Quantity:	100 μL
Target:	PDE1C
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE1C 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 PDE1C	
Sequence:	DLKKNIEYAA SVLEAVYIDE TRRLLDTEDE LSDIQTDSVP SEVRDWLAST	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%	
Characteristics:	This is a rabbit polyclonal antibody against PDE1A. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	

Target Details

Target: PDE1C

Target Details

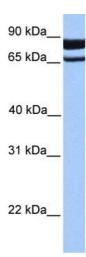
Alternative Name:	PDE1C (PDE1C Products)	
Background:	PDE1A belongs to the cyclic nucleotide phosphodiesterase family. It has a higher affinity for cGMP than for cAMP. The exact function of PDE1A remains unknown. Alias Symbols: HCAM1, HSPDE1A, MGC26303, Hcam3 Protein Size: 634	
Molecular Weight:	59 kDa	
Gene ID:	5137	
NCBI Accession:	NM_005020, NP_005011	
NCBI Accession: UniProt:	NM_005020, NP_005011 P54750	

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 634 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-PDE1C Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: HepG2 cell lysate