

Datasheet for ABIN2789716
anti-PDE11A antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	PDE11A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE11A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	RRASQKELRK SFARSKAIHV NRTYDEQVTS RAQEPLSSVR RRALLRKASS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against PDE11A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PDE11A
Alternative Name:	PDE11A (PDE11A Products)
Background:	The 3',5'-cyclic nucleotides cAMP and cGMP function as second messengers in a wide variety

Target Details

of signal transduction pathways. 3',5'-cyclic nucleotide phosphodiesterases (PDEs) catalyze the hydrolysis of cAMP and cGMP to the corresponding 5'-monophosphates and provide a mechanism to downregulate cAMP and cGMP signaling. This gene encodes a member of the PDE protein superfamily. Mutations in this gene are a cause of Cushing disease and adrenocortical hyperplasia. Multiple transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: FLJ23693, MGC133355, MGC133356, PPNAD2

Protein Size: 933

Molecular Weight:	105 kDa
Gene ID:	50940
NCBI Accession:	NM_016953 , NP_058649
UniProt:	Q9HCR9
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 933 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.

