

## Datasheet for ABIN2789716

# anti-PDE11A antibody (N-Term)





$\sim$			
	ve	r\/	٨
$\cup$	V C	1 V I	٧V

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	

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**

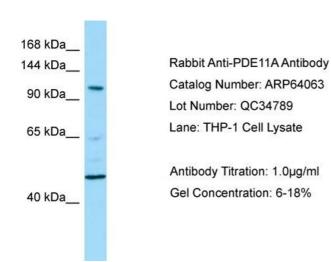
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 933 AA	
Restrictions:	For Research Use only	

#### 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.

#### **Images**



#### **Western Blotting**

Image 1.