

## ARG64245 anti-PDE11A antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes PDE11A
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise all four reported isoforms (NP_058649.3 ; NP_001070665.1; NP_001070826.1; NP_001070664.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PDE11A
Species	Human
Immunogen	C-NSFKESMEKSSYSD
Conjugation	Un-conjugated
Alternate Names	EC 3.1.4.35; PPNAD2; Dual 3',5'-cyclic-AMP and -GMP phosphodiesterase 11A; cAMP and cGMP phosphodiesterase 11A; EC 3.1.4.53

### Application Instructions

Application table	Application	Dilution
	IHC-P	10 µg/ml
	WB	0.5 - 1.5 µg/ml

**Application Note**  
WB: Recommend incubate at RT for 1h.  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

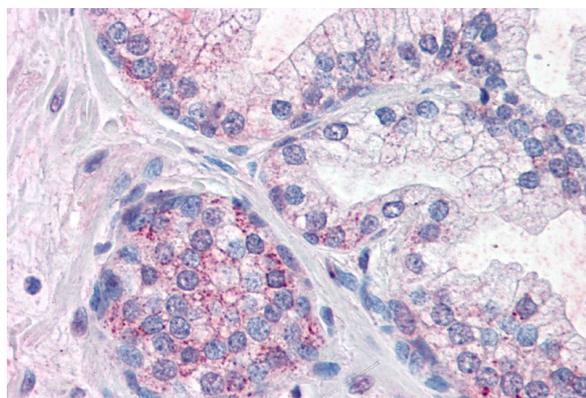
Database links	<a href="#">GeneID: 50940 Human</a> <a href="#">Swiss-port # Q9HCR9 Human</a>
Background	The 3',5'-cyclic nucleotides cAMP and cGMP function as second messengers in a wide variety of signal transduction pathways. 3',5'-cyclic nucleotide phosphodiesterases (PDEs) catalyze the hydrolysis 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. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	105 kDa

## Images



ARG64245 anti-PDE11A antibody WB image

Western Blot: Human Prostate lysate (35 µg protein in RIPA buffer) stained with ARG64245 anti-PDE11A antibody at 1 µg/ml dilution.



ARG64245 anti-PDE11A antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64245 anti-PDE11A antibody at 10 µg/ml dilution followed by AP-staining.