

## ARG10794 anti-PDE2A antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PDE2A
Tested Reactivity	Hu, Ms, Rat, Bov
Tested Application	Confocal, Dot, ELISA, FRET, ICC/IF, IHC-P, IHC-Wmt, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PDE2A
Species	Human
Immunogen	Synthetic peptide around the C-terminus of Human PDE2A.
Conjugation	Un-conjugated
Alternate Names	EC 3.1.4.17; CGS-PDE; PDE2A1; PED2A4; cGMP-dependent 3',5'-cyclic phosphodiesterase; Cyclic GMP-stimulated phosphodiesterase; cGSPDE

### Application Instructions

Application table	Application	Dilution
	Confocal	1:250 - 1:1000
	Dot	1:10000
	ELISA	1:10000
	FRET	Assay-dependent
	ICC/IF	1:150 - 1:1000
	IHC-P	1:250 - 1:1000
	IHC-Wmt	Assay-dependent
	IP	1:200
	WB	1:250 - 1:1000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

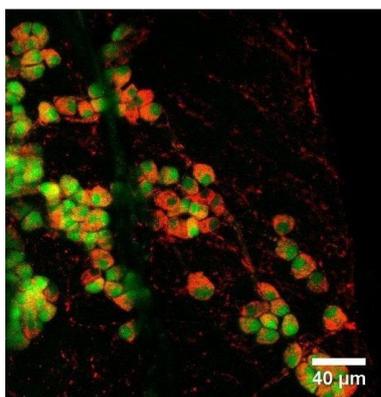
Form	Liquid
Purification	Affinity purified.
Buffer	Tris-Glycine Buffer (pH 7.4 - 7.8), Hepes, 0.02% Sodium azide, 30% Glycerol and 0.5% BSA.

Preservative	0.02% Sodium azide
Stabilizer	30% Glycerol and 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. 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

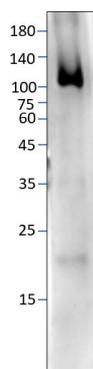
Gene Symbol	PDE2A
Gene Full Name	phosphodiesterase 2A, cGMP-stimulated
Function	Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes.
Calculated Mw	Isoform PDE2A2: Regulates Mitochondrial cAMP Levels and Respiration. [UniProt] 106 kDa

## Images



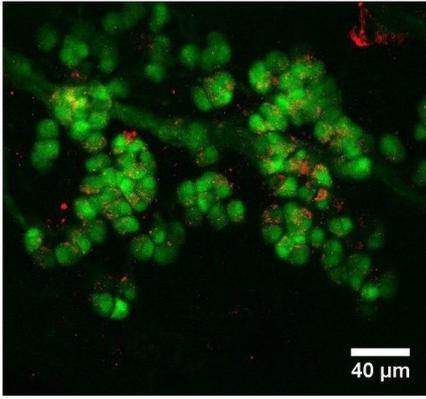
ARG10794 anti-PDE2A antibody IHC-Wmt image

Immunohistochemistry: Whole-mount Mouse nose stained with ARG10794 anti-PDE2A antibody (red). Green: Grueneberg ganglion neurons. Blue: Nuclei.



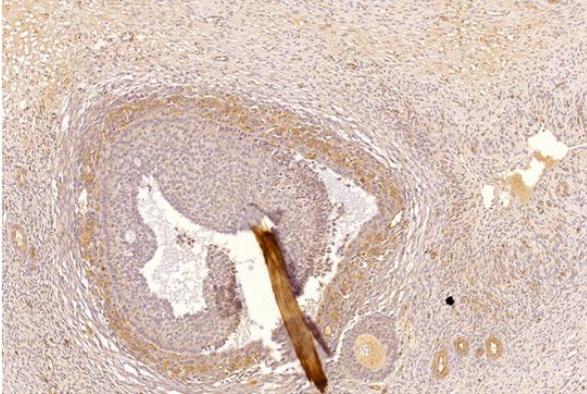
ARG10794 anti-PDE2A antibody WB image

Western blot: 10 ng of recombinant PDE2A stained with ARG10794 anti-PDE2A antibody at 1:500 dilution.



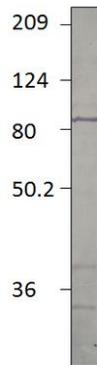
ARG10794 anti-PDE2A antibody IHC-Wmt image

Immunohistochemistry: Whole-mount Mouse nose stained with ARG10794 anti-PDE2A antibody (red). Green: Grueneberg ganglion neurons. Blue: Nuclei.



ARG10794 anti-PDE2A antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human ovarian medulla tissue stained with ARG10794 anti-PDE2A antibody at 1:1500 dilution.



ARG10794 anti-PDE2A antibody WB image

Western blot: Recombinant PDE2A protein stained with ARG10794 anti-PDE2A antibody at 1:500 dilution.