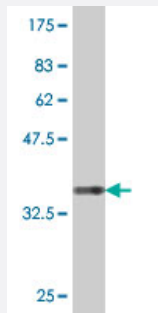


PDE2A polyclonal antibody (A01)

Catalog # H00005138-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.12 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PDE2A.
Immunogen	PDE2A (NP_002590, 850 a.a. ~ 940 a.a) partial recombinant protein with GST tag.
Sequence	REKAYIPELQISFMEHIAMPIYKLLQDLFPKAAELYERVASNREHWTKVSHKFTIRGLPSNNSLDFLD EEYEVPDLDGTRAPINGCCSLDA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.12 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PDE2A

Entrez GeneID [5138](#)

GeneBank Accession# [NM_002599](#)

Protein Accession# [NP_002590](#)

Gene Name PDE2A

Gene Alias PDE2A1, PED2A4

Gene Description phosphodiesterase 2A, cGMP-stimulated

Omim ID [602658](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations cGMP-stimulated phosphodiesterase 1|cGMP-stimulated phosphodiesterase 4

Publication Reference

- [Distinct metabolism of cyclic adenosine monophosphate in regulatory and helper CD4\(+\) T cells.](#)

Bazhin AV, Kahnert S, Kimpfler S, Schadendorf D, Umansky V.

Molecular Immunology 2009 Nov; 47(4):678.

Application: WB-Ce, Mouse, Mouse regulatory and conventional CD4+ T cells

Pathway

- [Purine metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)