PDE8B rabbit monoclonal antibody

Catalog # H00008622-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PDE8B peptide using ARM Technology.
Immunogen	A synthetic peptide of human PDE8B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PDE8B peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — PDE8B

Entrez GeneID	8622
GeneBank Accession#	PDE8B
Gene Name	PDE8B
Gene Alias	FLJ11212, PPNAD3
Gene Description	phosphodiesterase 8B
Omim ID	603390
Gene Ontology	Hyperlink
Gene Summary	Cyclic nucleotide phosphodiesterases (PDEs) catalyze hydrolysis of the 5-prime,3-prime-cyclic n ucleotides cAMP and cGMP to the corresponding nucleoside 5-prime-monophosphates. Mamma lian PDEs have been grouped into several families based on substrate affinities, inhibitor sensitiv ities, mode of regulation, and amino acid sequence homologies. The PDE8 family contains high- affinity cAMP-specific, IBMX (3-isobutyl-1-methyl-xanthine)-insensitive PDEs, such as PDE8B. All PDEs share a conserved C-terminal catalytic region and a variable N-terminal domain that presu mably accounts for the distinctive regulatory properties unique to the individual families.[supplied by OMIM
Other Designations	3',5' cyclic nucleotide phosphodiesterase 8B

Pathway

- Purine metabolism

Disease

- Adenoma
- Adrenal Cortex Neoplasms
- Cushing Syndrome
- Hypothyroidism
- Thyroid Diseases

- Tobacco Use Disorder