

PDE1B rabbit monoclonal antibody

Catalog # H00005153-K

Size 100 ug x up to 3

Specification

| | |
|--------------------------------|--|
| Product Description | Rabbit monoclonal antibody raised against a human PDE1B peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human PDE1B 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 PDE1B peptide by ELISA and mammalian transfected lysate by Western 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 including 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 — PDE1B

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|---------------------|---|
| Entrez GeneID | 5153 |
| GeneBank Accession# | PDE1B |
| Gene Name | PDE1B |
| Gene Alias | PDE1B1, PDES1B |
| Gene Description | phosphodiesterase 1B, calmodulin-dependent |
| Omim ID | 171891 |
| Gene Ontology | Hyperlink |
| Gene Summary | O |
| Other Designations | Phosphodiesterase-1B calcium/calmodulin-stimulated cyclic nucleotide phosphodiesterase calmodulin-stimulated phosphodiesterase PDE1B1 phosphodiesterase 1B, calmodulin-dependent presumed 63kDa form of the type 1 cyclic nucleotide phosphodiesterase family k |

Pathway

- [Calcium signaling pathway](#)
- [Purine metabolism](#)

Disease

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