

## Rabbit PDE4DIP Polyclonal Antibody | anti-PDE4DIP antibody

PDE4DIP Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA280614</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

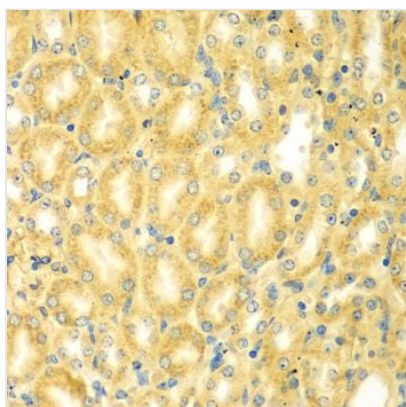
### PRODUCT SYNONYMS

PDE4DIP; Polyclonal Antibody; PDE4DIP Polyclonal Antibody; anti-PDE4DIP antibody

### PRODUCT SPECIFICATIONS

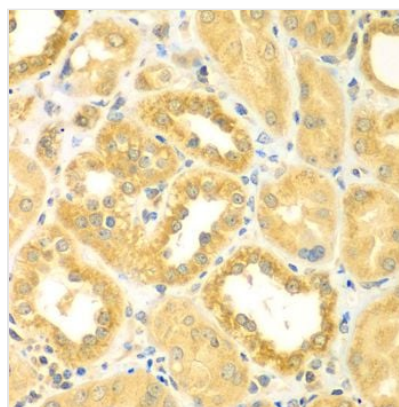
|                                                   |                                                                                                                 |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                          |
| Reactivity                                        | Human, Mouse, Rat                                                                                               |
| Clonality                                         | Polyclonal                                                                                                      |
| Isotype                                           | IgG                                                                                                             |
| Purity/Purification                               | Affinity Purification                                                                                           |
| Sequence Length                                   | 173                                                                                                             |
| Applicable Applications for anti-PDE4DIP antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                   |
| Immunogen                                         | Recombinant Protein                                                                                             |
| Immunogen                                         | Recombinant protein of human PDE4DIP                                                                            |
| Preparation and Storage                           | Store at -20 degree C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



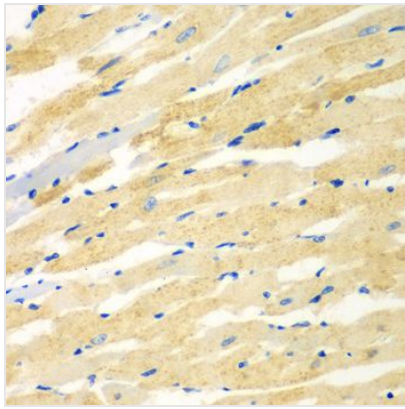
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using PDE4DIP antibody at dilution of 1:100 (40x lens).



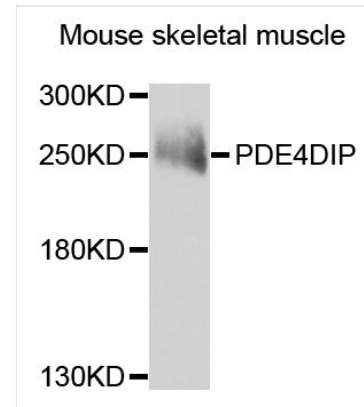
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using PDE4DIP antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using PDE4DIP antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of mouse skeletal muscle, using PDE4DIP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

## ADDITIONAL INFORMATION

#### Related Product Information for anti-PDE4DIP antibody

The protein encoded by this gene serves to anchor phosphodiesterase 4D to the Golgi/centrosome region of the cell. Defects in this gene may be a cause of myeloproliferative disorder (MBD) associated with eosinophilia. Several transcript variants encoding different isoforms have been found for this gene.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 50658077                                                                                       |
| NCBI GeneID                      | 9659                                                                                           |
| NCBI Accession #                 | NP_001002810.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001002810.3                                                                                 |
| UniProt Accession #              | Q5VU43; O75042; O75065; Q2YDC1; Q5VU42; Q5VU44; Q5VU45; Q5VU46; Q5VU47; Q5VU48; Q5VU49; A2RU15 |
| Molecular Weight                 | 265kDa                                                                                         |
| NCBI Official Full Name          | myomegalin isoform 4                                                                           |
| NCBI Official Synonym Full Names | phosphodiesterase 4D interacting protein                                                       |
| NCBI Official Symbol             | PDE4DIP                                                                                        |
| NCBI Official Synonym Symbols    | MMGL; CMYA2                                                                                    |
| NCBI Protein Information         | myomegalin                                                                                     |
| UniProt Protein Name             | Myomegalin                                                                                     |
| UniProt Gene Name                | <b>PDE4DIP</b>                                                                                 |
| UniProt Synonym Gene Names       | CMYA2; KIAA0454; KIAA0477; MMGL                                                                |
| UniProt Entry Name               | MYOME_HUMAN                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pde4dip-antibody-immunohistochemistry-western-blot-elisa/280614>