

## Rabbit anti-Human PDE4D Polyclonal Antibody | anti-PDE4D antibody

PDE4D Antibody - C-terminal region

|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA201522</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

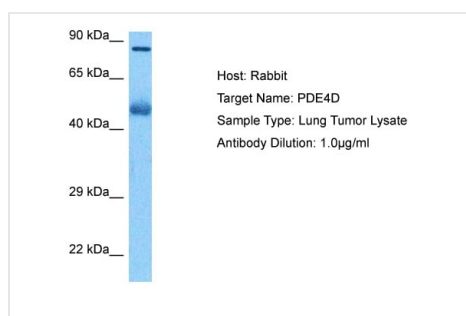
### PRODUCT SYNONYMS

PDE4D; Polyclonal Antibody; PDE4D Antibody - C-terminal region; anti-PDE4D antibody

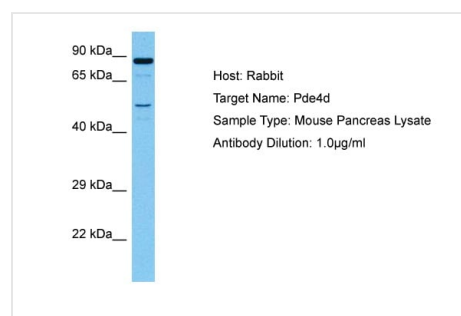
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 16% sucrose.                                                    |
| Sequence                                        | Synthetic peptide with the following region: GQ TEKFQFELT EEDGESDTEK DSGSQVEEDT SCSDSKTLCT QDSESTEI                                                   |
| Sequence Length                                 | 809                                                                                                                                                   |
| Applicable Applications for anti-PDE4D antibody | WB (Western Blot)                                                                                                                                     |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the C terminal region of human PDE4D                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

Host: Rabbit Target Name: PDE4D Sample Tissue: Lung Tumor lysates Antibody Dilution: 1 µg/ml


**WB (Western Blot)**

Host: Mouse Target Name: PDE4D Sample Tissue: Mouse Pancreas Antibody Dilution: 1 µg/ml

### ADDITIONAL INFORMATION

#### Related Product Information for anti-PDE4D antibody

This gene encodes one of four mammalian counterparts to the fruit fly 'dunce' gene. The encoded protein has 3',5'-cyclic-AMP phosphodiesterase activity and degrades cAMP, which acts as a signal transduction molecule in multiple cell types. This gene uses different promoters to generate multiple alternatively spliced transcript variants that encode functional proteins.

Product Categories/Family for anti-PDE4D antibody

Polyclonal; Signal Transduction

## NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 23274169                                        |
| NCBI GeneID                      | 5144                                            |
| NCBI Accession #                 | NP_001098101.1                                  |
| NCBI GenBank Nucleotide #        | NM_001104631.1                                  |
| UniProt Accession #              | Q08499                                          |
| Molecular Weight                 | 88 kDa                                          |
| NCBI Official Full Name          | PDE4D protein                                   |
| NCBI Official Synonym Full Names | phosphodiesterase 4D                            |
| NCBI Official Symbol             | PDE4D                                           |
| NCBI Official Synonym Symbols    | DPDE3; PDE43; STRK1; ACRDYS2; HSPDE4D; PDE4DN2  |
| NCBI Protein Information         | cAMP-specific 3',5'-cyclic phosphodiesterase 4D |
| UniProt Protein Name             | cAMP-specific 3',5'-cyclic phosphodiesterase 4D |
| UniProt Gene Name                | <b>PDE4D</b>                                    |
| UniProt Synonym Gene Names       | DPDE3                                           |
| UniProt Entry Name               | PDE4D_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://www.aaabiotech.com/polyclonal/pde4d-antibody-western-blot-elisa/201522>