

## Rabbit PDE4D Polyclonal Antibody | anti-PDE4D antibody

PDE4D Antibody - C-terminal region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS |
|-----------|--------|-------------------------------------------------------------------|--------------|
| AAA200642 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Western Blot |

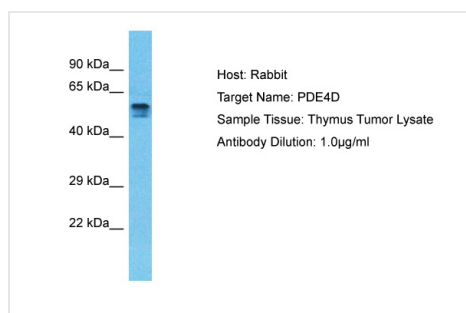
### PRODUCT SYNONYMS

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

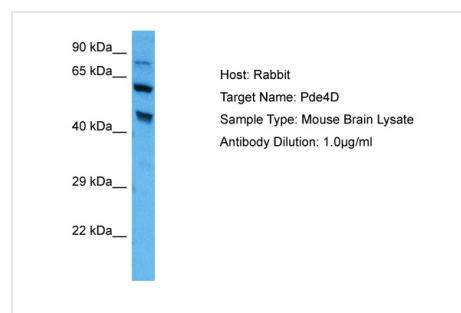
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: FQ FELTLEEDGE SDTEKDSGSQ VEEDTSCSDS KTLCTQDSES TEIPLDEQ                                                  |
| Sequence Length                                 | 507                                                                                                                                                   |
| Applicable Applications for anti-PDE4D antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                        | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%                                |
| 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. |

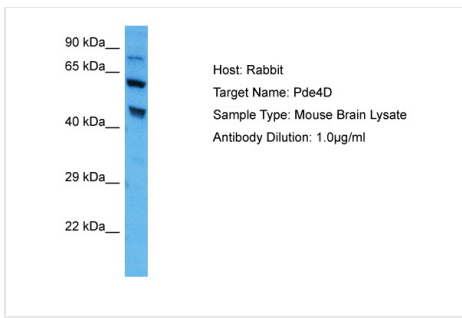
### IMAGES


**WB (Western Blot)**

Host: Rabbit Target Name: PDE4D Sample Type: Thymus Tumor lysates Antibody Dilution: 1.0µg/ml


**WB (Western Blot)**

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



#### WB (Western Blot)

Host: Mouse Target Name: PDE4D Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PDE4D antibody | <p>This is a rabbit polyclonal antibody against PDE4D. It was validated on Western Blot</p> <p>Target Description: 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.</p> |
| Product Categories/Family for anti-PDE4D antibody   | Polyclonal; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 23274169                                        |
| NCBI GeneID                      | 5144                                            |
| UniProt Accession #              | Q08499                                          |
| Molecular Weight                 | 55kDa                                           |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
 Online datasheet: <https://www.aaabiotech.com/polyclonal/pde4d-antibody-western-blot-elisa/200642>