

## Rabbit anti-Human, Rat PDE10A Polyclonal Antibody | anti-PDE10A antibody

PDE10A Polyclonal Antibody

|                               |                       |                                 |                                     |
|-------------------------------|-----------------------|---------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA295566</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|---------------------------------|-------------------------------------|

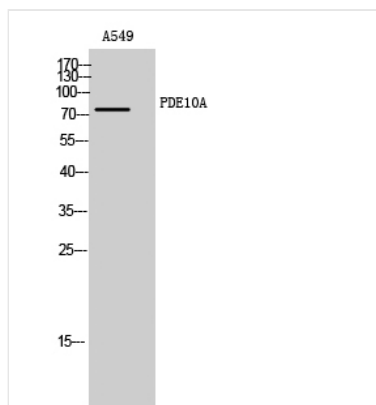
### PRODUCT SYNONYMS

PDE10A; Polyclonal Antibody; PDE10A Polyclonal Antibody; cAMP and cAMP-inhibited cGMP 3'; 5'-cyclic phosphodiesterase 10A; anti-PDE10A antibody

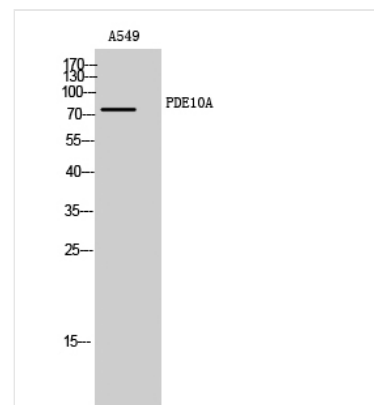
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human, Rat                                                                                                                                            |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-PDE10A antibody | WB (Western Blot)                                                                                                                                     |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.


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### ADDITIONAL INFORMATION

#### Related Product Information for anti-PDE10A antibody

Plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. Can hydrolyze both cAMP and cGMP, but has higher affinity for cAMP and is more efficient with cAMP as substrate. May play a critical role in regulating cAMP and cGMP levels in the striatum, a region of the brain that contributes to the control of movement and cognition.

### NCBI AND UNIPROT INFORMATION

|                     |                                                |
|---------------------|------------------------------------------------|
| NCBI GI #           | 49168618                                       |
| NCBI GeneID         | 10846                                          |
| UniProt Accession # | Q9Y233; Q6FHX1; Q9HCP9; Q9NTV4; Q9ULW9; Q9Y5T1 |

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight                 | 89,390 Da                                                                                                                             |
| NCBI Official Full Name          | PDE10A                                                                                                                                |
| NCBI Official Synonym Full Names | phosphodiesterase 10A                                                                                                                 |
| NCBI Official Symbol             | PDE10A                                                                                                                                |
| NCBI Official Synonym Symbols    | HSPDE10A                                                                                                                              |
| NCBI Protein Information         | cAMP and cAMP-inhibited cGMP 3',5'-cyclic phosphodiesterase 10A; dJ416F21.1 (phosphodiesterase 10A); phosphodiesterase 10A1 (PDE10A1) |
| UniProt Protein Name             | cAMP and cAMP-inhibited cGMP 3',5'-cyclic phosphodiesterase 10A                                                                       |
| UniProt Gene Name                | <b>PDE10A</b>                                                                                                                         |
| UniProt Entry Name               | PDE10_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://stage.aaabiotech.com/polyclonal/pde10a-antibody-western-blot-elisa/295566>