

# Rabbit Dopamine Receptor D3 Polyclonal Antibody | anti-Drd3 antibody

Dopamine Receptor D3 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                                |
|-----------|--------|-------------------|---------------------------------------------------------------------------------------------|
| AAA75766  | Rabbit | Human, Mouse, Rat | Western Blot, Immunoprecipitation, Immunofluorescence, Immunocytochemistry, ELISA, Dot Blot |

## PRODUCT SYNONYMS

Dopamine Receptor D3; Polyclonal Antibody; Dopamine Receptor D3 Antibody; 3dopamine receptor; D; D(3) dopamine receptor; DRD3; ETM1; FET1 antibody; anti-Drd3 antibody

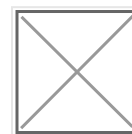
## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                          |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                      |
| Form/Format                                    | Affinity Purified                                                                                                                                               |
| Concentration                                  | 0.67 ug/ul in antibody stabilization buffer (varies by lot)                                                                                                     |
| Sequence Length                                | 446                                                                                                                                                             |
| Applicable Applications for anti-Drd3 antibody | WB (Western Blot), IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, DB (Dot Blot)                                           |
| Immunogen                                      | Synthetic peptide corresponding to unique amino acid sequence on Dopamine Receptor D3 protein, peptide was covalently modified.<br>Sequence: CQACHVSPELYRATTWGY |
| Expression                                     | Mainly in limbic areas of brain.                                                                                                                                |
| Molecular Function                             | G-protein coupled receptor, Receptor, Transducer                                                                                                                |
| Structure                                      | Interacts with GRK4 and PALM (By similarity). Interacts with CLIC6.                                                                                             |
| Subcellular Location                           | Cell membrane; Multi-pass membrane protein                                                                                                                      |
| Preparation and Storage                        | -20• degree C for long term storage                                                                                                                             |

## IMAGES



IF (Immunofluorescence)



WB (Western Blot)

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Drd3 antibody | Affinity Purified D(3) dopamine receptor Antibody<br>Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase. Promotes cell proliferation (By similarity). |
| Product Categories/Family for anti-Drd3 antibody   | Primary Antibodies; Neuroscience; Neurotransmission; Dopamine Receptors; Dopamine Receptor D3 Antibody                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 118211                 |
| NCBI GeneID                      | 29238                  |
| UniProt Accession #              | P19020; P70647         |
| Molecular Weight                 | Predicted: 50 kDa      |
| NCBI Official Full Name          | D(3) dopamine receptor |
| NCBI Official Synonym Full Names | dopamine receptor D3   |
| NCBI Official Symbol             | Drd3                   |
| NCBI Protein Information         | D(3) dopamine receptor |
| UniProt Protein Name             | D(3) dopamine receptor |
| UniProt Gene Name                | Drd3                   |
| UniProt Entry Name               | DRD3_RAT               |

**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/dopamine-receptor-d3-antibody-western-blot-immunoprecipitation-immunofluorescence-immunocytochemistry-dot-blot-elisa/75766>