

## Rabbit anti-Human DRD1 Polyclonal Antibody | anti-DRD1 antibody

DRD1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA167165 | Rabbit | Human      | Immunohistochemistry, Western Blot |

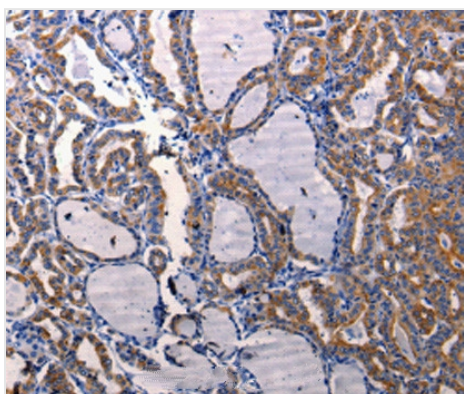
### PRODUCT SYNONYMS

DRD1; Polyclonal Antibody; DRD1 Antibody; DADR; DRD1A; anti-DRD1 antibody

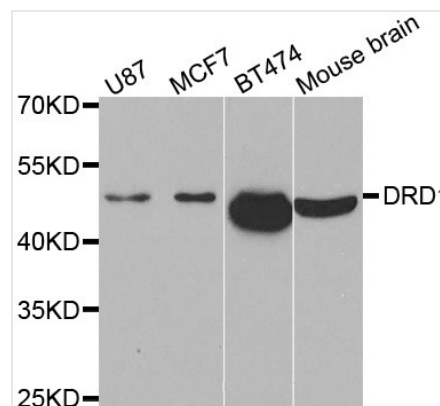
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                    |
|------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                             |
| Reactivity                                     | Human                                                                                              |
| Clonality                                      | Polyclonal                                                                                         |
| Isotype                                        | IgG                                                                                                |
| Purity/Purification                            | Antigen affinity purification                                                                      |
| Concentration                                  | 1mg/mL (varies by lot)                                                                             |
| Sequence Length                                | 446                                                                                                |
| Applicable Applications for anti-DRD1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                      |
| Immunogen                                      | A synthetic peptide of human DRD1                                                                  |
| Buffer                                         | PBS with 0.02% sodium azide, 50% glycerol, pH7.3                                                   |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-31478 / sc-1434 / sc-14001 |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.          |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human thyroid cancer tissue using DRD1 antibody.


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using DRD1 antibody.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DRD1 antibody | This gene encodes the D1 subtype of the dopamine receptor. The D1 subtype is the most abundant dopamine receptor in the central nervous system. This G-protein coupled receptor stimulates adenylyl cyclase and activates cyclic AMP-dependent protein kinases. D1 receptors regulate neuronal growth and development, mediate some behavioral responses, and modulate dopamine receptor D2-mediated events. Alternate transcription initiation sites result in two transcript variants of this gene. |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 4503383                                                                |
| NCBI GeneID                      | 1812                                                                   |
| NCBI Accession #                 | NP_000785.1                                                            |
| NCBI GenBank Nucleotide #        | NM_000794.3                                                            |
| Molecular Weight                 | 49,293 Da                                                              |
| NCBI Official Full Name          | D(1A) dopamine receptor                                                |
| NCBI Official Synonym Full Names | dopamine receptor D1                                                   |
| NCBI Official Symbol             | DRD1                                                                   |
| NCBI Official Synonym Symbols    | DADR; DRD1A                                                            |
| NCBI Protein Information         | D(1A) dopamine receptor; D(1A) dopamine receptor; dopamine D1 receptor |
| UniProt Protein Name             | D(1A) dopamine receptor                                                |
| UniProt Gene Name                | DRD1                                                                   |
| UniProt Entry Name               | DRD1_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/drd1-antibody-immunohistochemistry-western-blot-elisa/167165>