

Datasheet for ABIN894428

**anti-DRD3 antibody (AA 352-446) (AbBy Fluor® 555)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | DRD3                                                                                                                           |
| Binding Specificity: | AA 352-446                                                                                                                     |
| Reactivity:          | Human, Rat, Mouse                                                                                                              |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This DRD3 antibody is conjugated to AbBy Fluor® 555                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from mouse DRD3 |
| Isotype:          | IgG                                                      |
| Cross-Reactivity: | Human, Mouse, Rat                                        |
| Purification:     | Purified by Protein A.                                   |

## Target Details

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Target:           | DRD3                                                              |
| Alternative Name: | Drd3 ( <a href="#">DRD3 Products</a> )                            |
| Background:       | Synonyms: D3R, D(3) dopamine receptor, Dopamine D3 receptor, Drd3 |

## Target Details

|           |                                                                                                                                                                                                                                                                                                   |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Background: Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase. Promotes cell proliferation (By similarity).                                                                                                                                               |
| Gene ID:  | 13490                                                                                                                                                                                                                                                                                             |
| UniProt:  | <a href="#">P30728</a>                                                                                                                                                                                                                                                                            |
| Pathways: | <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Proton Transport</a> , <a href="#">Negative Regulation of Transporter Activity</a> |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |