

# Dopamine Receptor D2 antibody [HL3159]

**Cat. No. GTX640669**

|                     |                    |
|---------------------|--------------------|
| <b>Host</b>         | Rabbit             |
| <b>Clonality</b>    | Monoclonal         |
| <b>Isotype</b>      | IgG                |
| <b>Applications</b> | IHC-P, IHC-Fr, FCM |
| <b>Reactivity</b>   | Human, Mouse, Rat  |

**Package**  
100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| IHC-P              | 1:100-1:1000         |
| IHC-Fr             | 1:100-1:1000         |
| FCM                | Assay dependent      |

**Note : Permeabilization : 0.1% saponin**

Not tested in other applications.

**Product Note** This antibody was raised against human Dopamine Receptor D2 Intracellular domain.

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS                                                                                                                                                                                                                        |
| <b>Preservative</b>  | No preservatives                                                                                                                                                                                                           |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Synthetic peptide encompassing a sequence within the Intracellular domain of human Dopamine Receptor D2. The exact sequence is proprietary.                                                                                |
| <b>Purification</b>  | Affinity purified by Protein A.                                                                                                                                                                                            |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

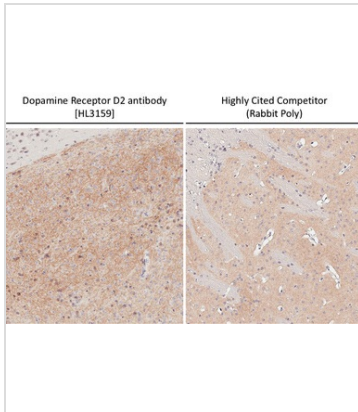


For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX640669 IHC-P Image**

Dopamine Receptor D2 antibody [HL3159] detects Dopamine Receptor D2 protein by immunohistochemical analysis.

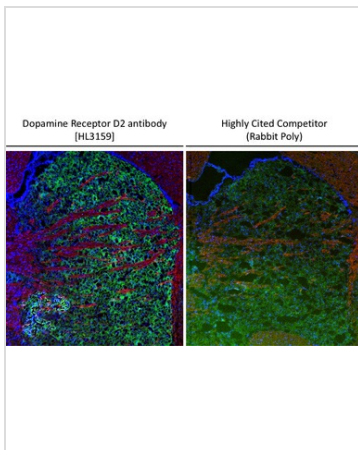
Sample: Paraffin-embedded mouse striatum.

Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL3159] (GTX640669) diluted at 1:250 and highly cited competitor's antibody diluted at 1:50.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min

\*Competitor's antibody is not affiliated with GeneTex and does not endorse this product.

\*The competitor is not affiliated with GeneTex and does not endorse this product.


**GTX640669 IHC-Fr Image**

Dopamine Receptor D2 antibody [HL3159] detects Dopamine Receptor D2 protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse striatum.

Green: Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL3159] (GTX640669) diluted at 1:250 and highly cited competitor's antibody diluted at 1:250.

Red: NF-H antibody [GT114] (GTX634289) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

\*Competitor's antibody is not affiliated with GeneTex and does not endorse this product.

\*The competitor is not affiliated with GeneTex and does not endorse this product.


**GTX640669 IHC-P Image**

Dopamine Receptor D2 antibody [HL3159] detects Dopamine Receptor D2 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL3159] (GTX640669) diluted at 1:250.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



For full product information, images and publications, please visit our [website](https://www.genetex.com).