

Dopamine Receptor D2 antibody [HL1478]

Cat. No. GTX636952

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, Functional Assay
Reactivity	Human, Mouse, Rat

★★★★☆ Review (1)

Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
Functional Assay	Assay dependent

Not tested in other applications.

Calculated MW 51 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No Preservative
Storage	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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-term region of Human Dopamine Receptor D2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

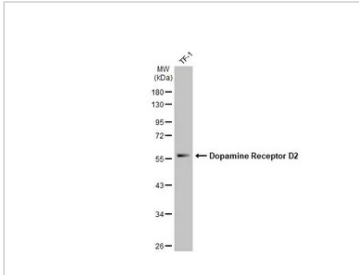


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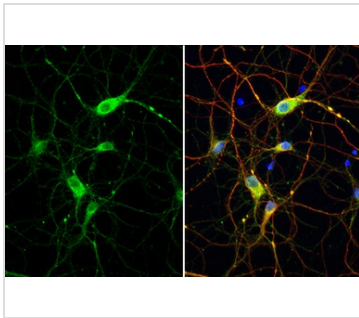
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DATA IMAGES



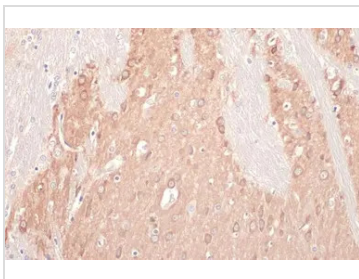
GTX636952 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Dopamine Receptor D2 antibody [HL1478] (GTX636952) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



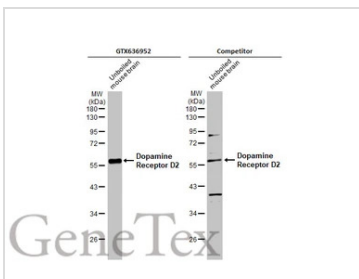
GTX636952 ICC/IF Image

Dopamine Receptor D2 antibody [HL1478] detects Dopamine Receptor D2 protein at cytoplasm by immunofluorescent analysis.
 Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.
 Green: Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL1478] (GTX636952) diluted at 1:250.
 Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.
 Blue: Fluoroshield with DAPI (GTX30920).



GTX636952 IHC-P Image

Dopamine Receptor D2 antibody [HL1478] detects Dopamine Receptor D2 protein by immunohistochemical analysis.
 Sample: Paraffin-embedded rat brain.
 Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL1478] (GTX636952) diluted at 1:100.
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX636952 WB Image

Unboiled mouse tissue extract (30 µg) was separated by 10% SDS-PAGE, and the membranes were blotted with Dopamine Receptor D2 antibody [HL1478] (GTX636952) diluted at 1:500 and competitor's antibody (Ab5084p) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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



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