Dopamine Receptor D2 antibody [HL1478]

Cat. No. GTX636952

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, FCM, Functional Assay
Reactivity	Human, Mouse, Rat

References (1)

Review (3)

Package
100 µl, 25 µl

Applications

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
FCM	Assay dependent
Functional Assay	Assay dependent

Note : Permeabilization : 0.1% saponin

Not tested in other applications.

Observed MW (kDa)	57 kDa.
Product Note	This antibody was raised against human Dopamine Receptor D2 Extracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC 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 Extracellular domain human of Dopamine Receptor D2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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Note

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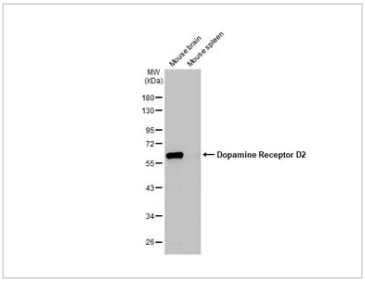
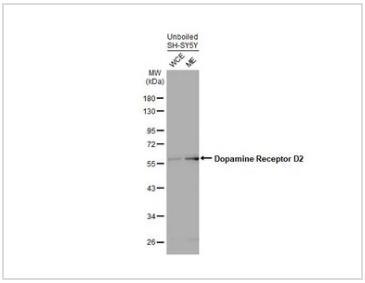
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



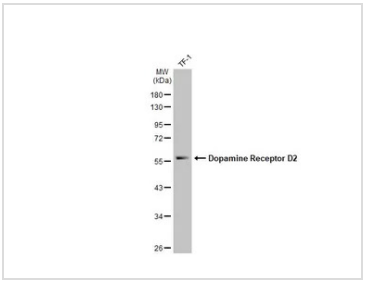
GTX636952 WB Image

Various tissue extracts (30 µg) were 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.



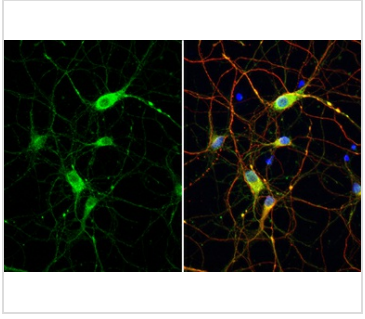
GTX636952 WB Image

Unboiled SH-SY5Y whole cell and membrane extracts (30 µg) were 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. (WCE: whole cell extract; ME: membrane extract)



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).

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