Product Datasheet

Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free

NBP3-25443

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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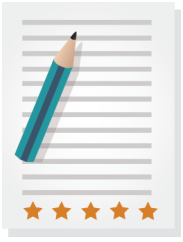
Updated 12/19/2023 v.20.1



NBP3-25443

Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free

Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1478
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description

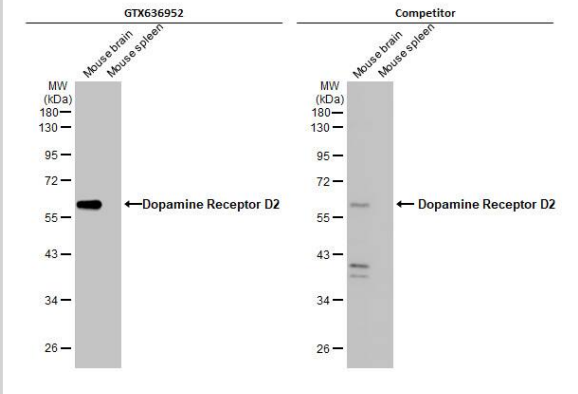
Host	Rabbit
Gene ID	1813
Gene Symbol	DRD2
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (86%), Canine (84%), Porcine (88%).
Immunogen	Recombinant protein encompassing a sequence within the N-term region of Human Dopamine D2R/DRD2. The exact sequence is proprietary.

Product Application Details

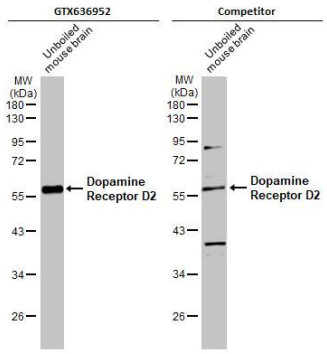
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Functional Assay
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin, Functional Assay

Images

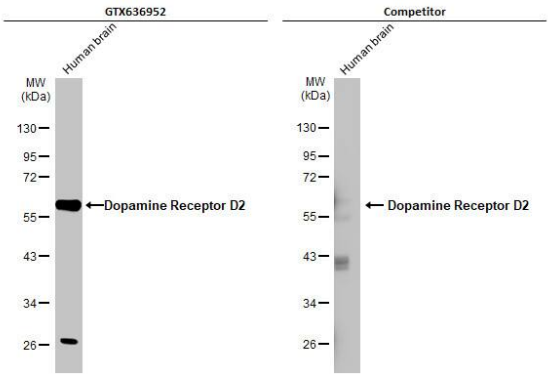
Western Blot: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Various tissue extracts (30 ug) were separated by 10% SDS-PAGE, and the membranes were blotted with Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:1000 and competitor's antibody (Ab5084p) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



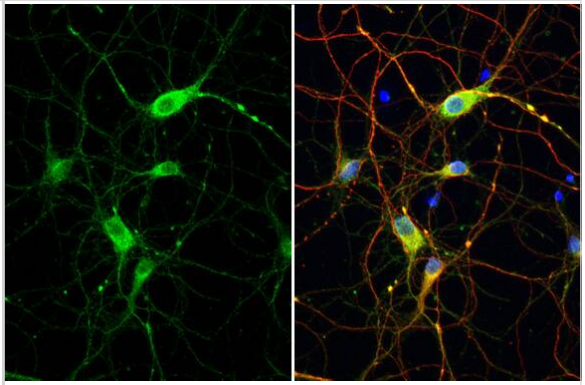
Western Blot: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Unboiled mouse tissue extract (30 ug) was separated by 10% SDS-PAGE, and the membranes were blotted with Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:500 and competitor's antibody (Ab5084p) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



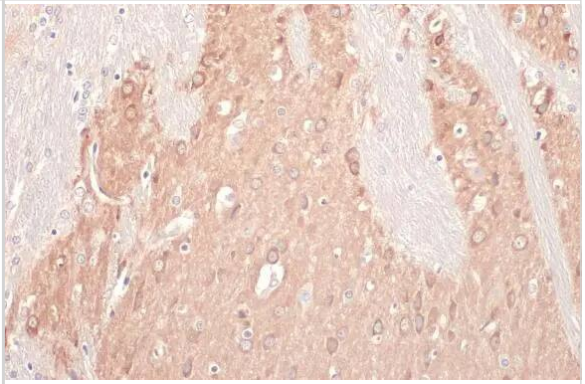
Western Blot: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Human tissue extract (30 ug) was separated by 10% SDS-PAGE, and the membranes were blotted with Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:500 and competitor's antibody (Ab5084P) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

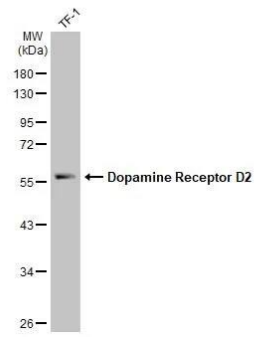
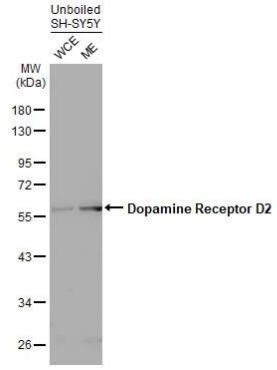
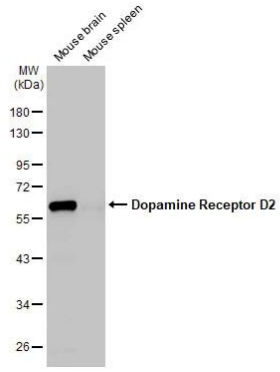
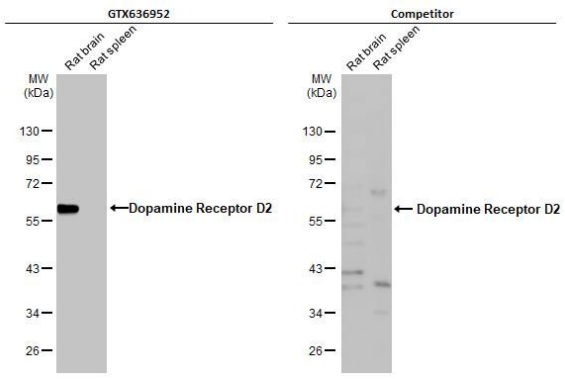


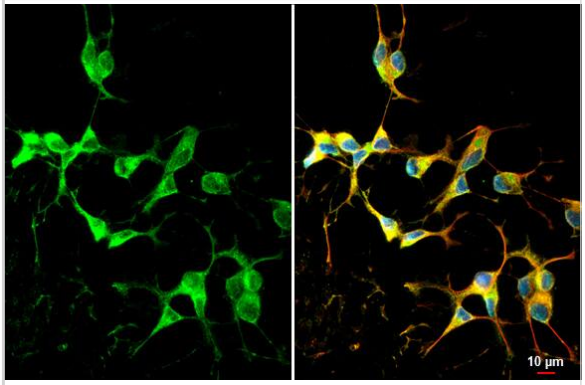
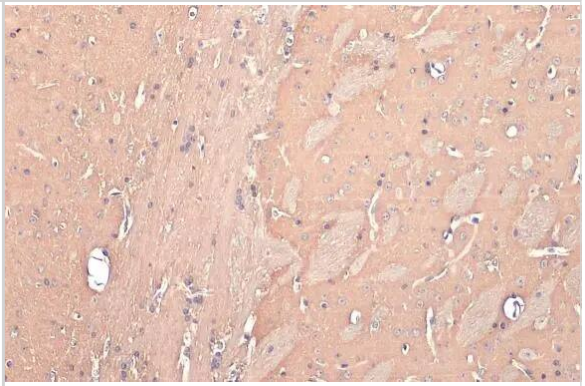
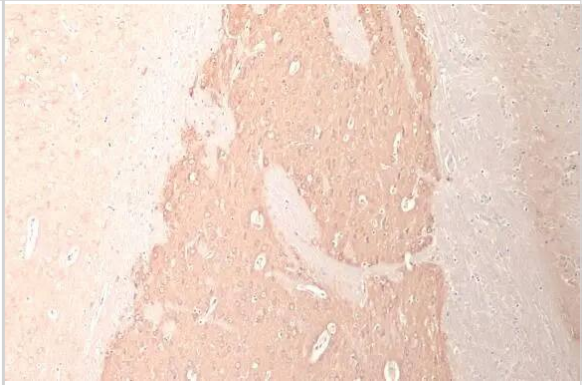
Immunocytochemistry/Immunofluorescence: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Dopamine Receptor D2 antibody [HL1478] detects Dopamine Receptor D2 protein at cytoplasm by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:250. Red: Tau, an axon marker, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .



Immunohistochemistry-Paraffin: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - 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] (NBP3-25443) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.	
Western Blot: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Unboiled SH-SY5Y whole cell and membrane extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. (WCE: whole cell extract; ME: membrane extract)	
Western Blot: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Various tissue extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.	
Western Blot: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Various tissue extracts (30 ug) were separated by 10% SDS-PAGE, and the membranes were blotted with Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:500 and competitor's antibody (Ab5084P) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.	

Immunocytochemistry/Immunofluorescence: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Dopamine Receptor D2 antibody [HL1478] detects Dopamine Receptor D2 protein at cytoplasm by immunofluorescent analysis. Sample: SH-SY5Y cells were fixed in ice-cold MeOH for 5 min. Green: Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (NBP2-43837) diluted at 1:1000. Blue: Fluoroshield with DAPI . Scale bar= 10um.	
Immunohistochemistry-Paraffin: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - Dopamine Receptor D2 antibody [HL1478] detects Dopamine Receptor D2 protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL1478] (NBP3-25443) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min	
Immunohistochemistry-Paraffin: Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free [NBP3-25443] - 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] (NBP3-25443) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min	

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H00001813-Q01-10ug	Recombinant Human Dopamine D2R/DRD2 GST (N-Term) Protein

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