Product Datasheet

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

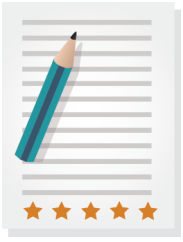
NBP3-25443

Unit Size: 100 ul

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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-25443

Updated 1/14/2026 v.20.1



NBP3-25443

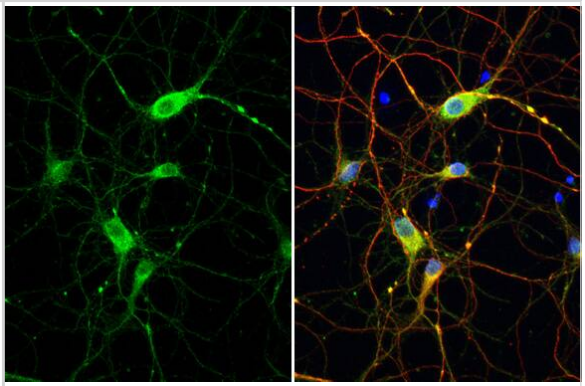
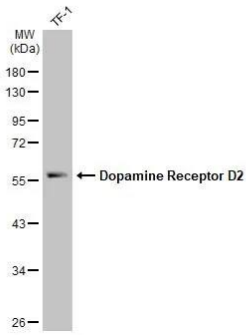
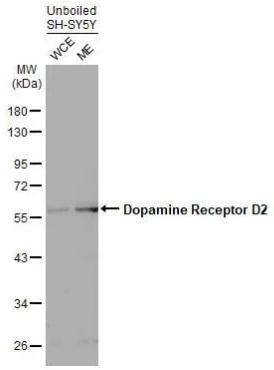
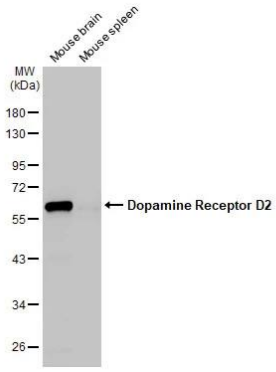
Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free

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
Target Molecular Weight	57 kDa

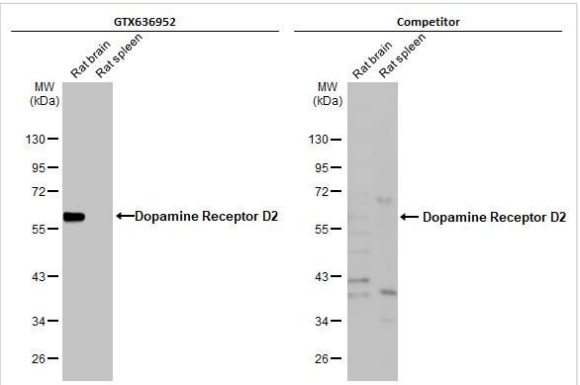
Product Description	
Description	Novus Biologicals Rabbit Dopamine D2R/DRD2 Antibody (HL1478) - Azide and BSA Free (NBP3-25443) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1813
Gene 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, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Functional Assay
Recommended Dilutions	Western Blot 1:1000-1:10000, Flow Cytometry Assay dependent, Immunohistochemistry Assay dependent, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin Assay dependent, Functional Assay Assay dependent

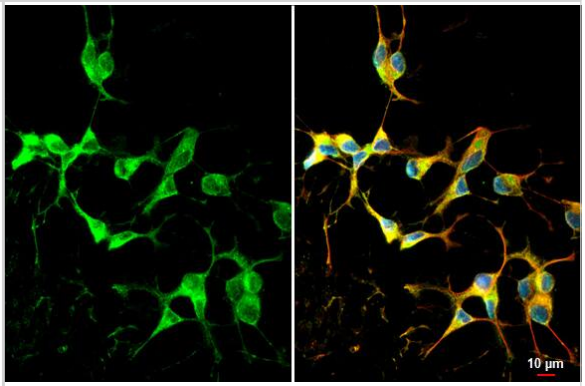
Images

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 .	
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.



Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-25443

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-25443

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications