Product Datasheet

Dopamine D1R/DRD1 Antibody (SG2-D1a) - Azide and BSA Free

NBP2-80700

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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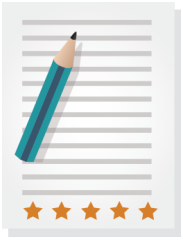
Updated 12/9/2024 v.20.1



NBP2-80700

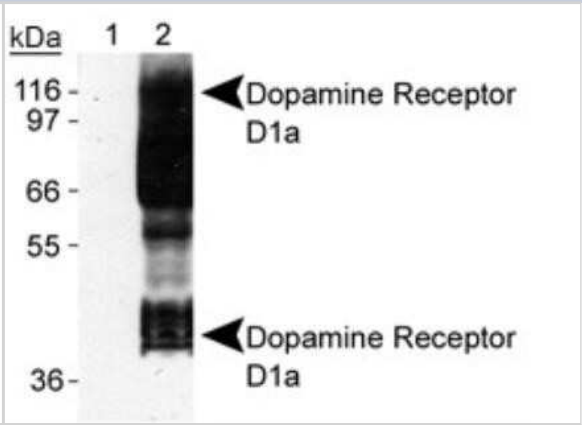
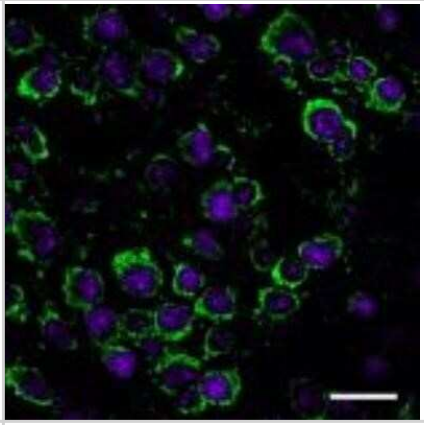
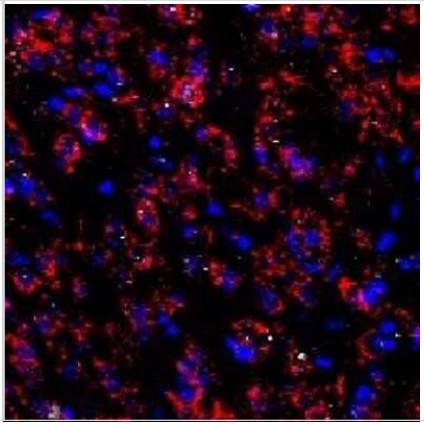
Dopamine D1R/DRD1 Antibody (SG2-D1a) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SG2-D1a
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	Tris-Glycine, 0.15 M NaCl

Product Description	
Host	Mouse
Gene ID	1812
Gene Symbol	DRD1
Species	Mouse, Rat, Bovine (Negative), Canine (Negative), Human (Negative), Porcine (Negative), Rabbit (Negative), Sheep (Negative)
Immunogen	Recombinant rat Dopamine Receptor D1 protein near the C-terminus. [Swiss-Prot# P18901]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:200 - 1:500, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Frozen 1:1000, Immunohistochemistry Free-Floating
Application Notes	In Western blot multiple bands are seen around 45 and 100 kDa (dimer) in SF9 cell lysates overexpressing D1a and a single band at 90 kDa in striatal tissue lysate. Do NOT boil samples.

Images

Western Blot: Dopamine D1R/DRD1 Antibody (SG2-D1a) - Azide and BSA Free [NBP2-80700] - Analysis of lysates from Sf9 cells which were transfected with rat DR-D1b (Lane 1) or DR-D1a (Lane 2) using DRD1 antibody (clone SG2-D1a). This clone detected D1a receptor only and was not cross-reactive against DR-D1b (Note: these results are similiar to those shown in J. Neuroimmunol. 101:170-187 publication.) Image from the standard format of this antibody.	
Immunocytochemistry: Dopamine D1R/DRD1 Antibody (SG2-D1a) - Azide and BSA Free [NBP2-80700] - Analysis of Dopamine Receptor D1 in rat retinal whole mounts and sections. Image from verified customer review. Image from the standard format of this antibody.	
Immunohistochemistry Free-Floating: Dopamine D1R/DRD1 Antibody (SG2-D1a) - Azide and BSA Free [NBP2-80700] - Analysis of Dopamine D1 R in free floating rat brain slices using Dopamine D1 R antibody. Image from verified customer review. Image from the standard format of this antibody.	

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