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anti-Dopamine d2 Receptor antibody (AA 194-421)





Overview

Quantity:	100 μL
Target:	Dopamine d2 Receptor (DRD2)
Binding Specificity:	AA 194-421
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dopamine d2 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Dopamine Receptor D2 (DRD2)
Immunogen:	Recombinant Dopamine Receptor D2 (DRD2) corresdonding to Ser194~Ala421 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against DRD2. It has been selected for its ability to recognize DRD2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Dopamine d2 Receptor (DRD2)
Alternative Name:	Dopamine Receptor D2 (DRD2 Products)
Background:	DR-D2, D2DR, D2R
Pathways:	Positive Regulation of Peptide Hormone Secretion, Negative Regulation of Hormone Secretion, cAMP Metabolic Process, Inositol Metabolic Process, Regulation of G-Protein Coupled Receptor Protein Signaling, Feeding Behaviour, Negative Regulation of Transporter Activity, Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Western blotting: 0.5-2 μg/mL Immunohistochemistry: 5-20 μg/mL Immunocytochemistry: 5-20 μg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

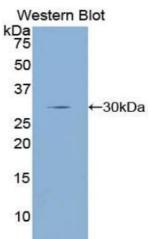
Handling

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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



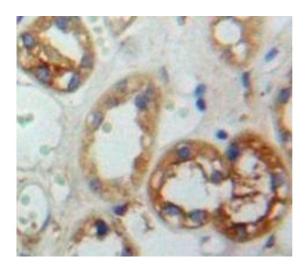
Western Blotting

Image 1. Detection of DRD2 in Rat Cerebrum lysate using Polyclonal Antibody to Dopamine Receptor D2 (DRD2)



Western Blotting

Image 2. Detection of Recombinant DRD2, Rat using Polyclonal Antibody to Dopamine Receptor D2 (DRD2)



Immunohistochemistry

Image 3. #VALUE!

Please check the product details page for more images. Overall 4 images are available for ABIN7440407.