Datasheet for ABIN6943112

anti-Dopamine d2 Receptor antibody (AA 1-100)

Go to Product page

Overview

Quantity:	100 µL
Target:	Dopamine d2 Receptor (DRD2)
Binding Specificity:	AA 1-100
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dopamine d2 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Dopamine D2 Receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Dopamine d2 Receptor (DRD2)
Alternative Name:	Dopamine D2 Receptor (DRD2 Products)

Target Details

Background:	Synonyms: D2DR, D2 dopamine receptor, Dopamine D2 Receptor, D2R, Dopamine receptor D2, Dopamine Receptor D2L, DRD 2, DRD2, DRD2_HUMAN. Background: 7 transmembrane receptor (rhodopsin family). This family contains, amongst other G-protein-coupled receptors (GCPRs), members of the opsin family, which have been considered to be typical members of the rhodopsin superfamily. They share several motifs, mainly the seven transmembrane helices, GCPRs of the rhodopsin superfamily. All opsins bind a chromophore, such as 11-cis-retinal. The function of most opsins other than the photoisomerases is split into two steps: light absorption and G-protein activation. Photoisomerases, on the other hand, are not coupled to G-proteins - they are thought to generate and supply the chromophore that is used by visual opsins.
Gene ID:	1813
UniProt:	P14416
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:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months