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anti-Dopamine d2 Receptor antibody (AA 301-400)



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Quantity:	100 μL
Target:	Dopamine d2 Receptor (DRD2)
Binding Specificity:	AA 301-400
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dopamine d2 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

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

Target Details

Target:	Dopamine d2 Receptor (DRD2)
Alternative Name:	Dopamine D2 Receptor, (DRD2 Products)
Background:	Synonyms: D2DR, D2 dopamine receptor, Dopamine D2 Receptor, D2R, Dopamine receptor D2,

Donamine F	Recentor 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
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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

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.
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

Images

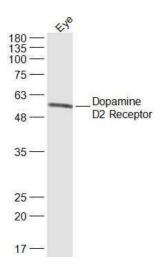


Image 1. Mouse eye lysates probed with Dopamine D2 Receptor Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.