



Datasheet for ABIN730858

anti-Dopamine d2 Receptor antibody (AA 201-300)



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2 Images

8 Publications

Overview

Quantity:	100 µL
Target:	Dopamine d2 Receptor (DRD2)
Binding Specificity:	AA 201-300
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dopamine d2 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, 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 DRD2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

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

Target Details

Background:	Synonyms: D2R, D2DR, D(2) dopamine receptor, Dopamine D2 receptor, DRD2 Background: Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase.
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
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

Publications

Product cited in:

Qian, Cai, Wang, Zhang, Zhao, Qian, Yang, Liu, Hasegawa: "Effect of Gingerol on Cisplatin-Induced Pica Analogous to Emesis Via Modulating Expressions of Dopamine 2 Receptor, Dopamine Transporter and Tyrosine Hydroxylase in the Vomiting Model of Rats." in: **Yonago acta medica**, Vol. 59, Issue 2, pp. 100-10, (2016) ([PubMed](#)).

Yano, Hide, Uekawa, Honda, Mikami, Kuratsu: "Mixed Pituitary Gangliocytoma and Prolactinoma Resistant to the Cabergoline Treatment." in: **World neurosurgery**, Vol. 95, pp. 620.e17-620.e22, (2016) ([PubMed](#)).

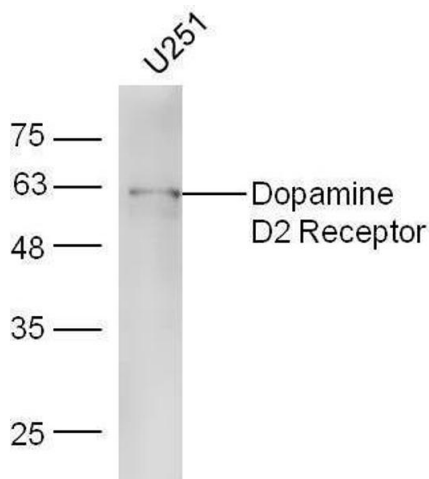
Zhang, Zhang, Zhang, Meng, Jia, Zhang, Bu, Zhu, Ma, Ye, Zhang, Ren, Sun, Tang: "Moderate swimming suppressed the growth and metastasis of the transplanted liver cancer in mice model: with reference to nervous system." in: **Oncogene**, Vol. 35, Issue 31, pp. 4122-31, (2016) ([PubMed](#)).

Mao, Yu, Hu, Hu: "Dopamine D2 receptor blocker thioridazine induces cell death in human uterine cervical carcinoma cell line SiHa." in: **The journal of obstetrics and gynaecology research**, Vol. 41, Issue 8, pp. 1240-5, (2015) ([PubMed](#)).

Salgado, López-Doval, Pereiro, Lafuente: "Perfluorooctane sulfonate (PFOS) exposure could modify the dopaminergic system in several limbic brain regions." in: **Toxicology letters**, Vol. 240, Issue 1, pp. 226-35, (2015) ([PubMed](#)).

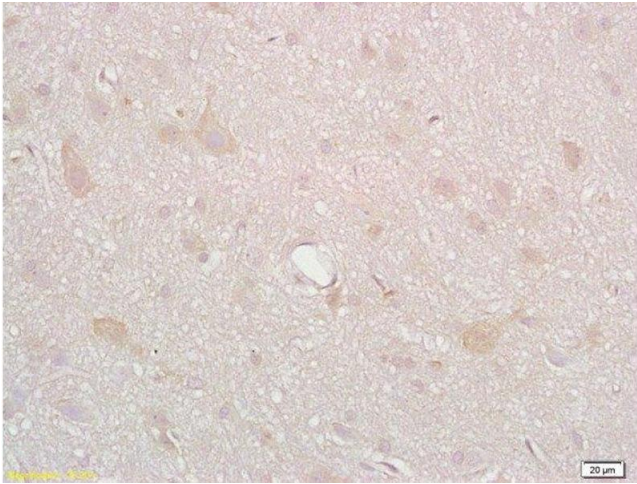
There are more publications referencing this product on: [Product page](#)

Images



Western Blotting

Image 1. U251 lysates probed with Rabbit Anti-DRD2 Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-DRD2 Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining