

DRD2 Rabbit pAb

Catalog Number: bs-1008R

Target Protein: DRD2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse, Rat (predicted:Human)

Predicted MW: 51 kDa

Entrez Gene: 1813

Swiss Prot: P14416

Source: KLH conjugated synthetic peptide derived from human DRD2: 201-300/443.

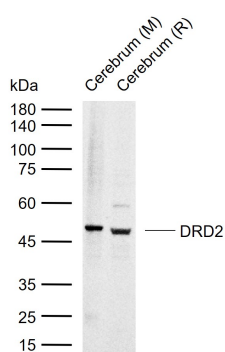
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes the D2 subtype of the dopamine receptor. This G-protein coupled receptor inhibits adenylyl cyclase activity. A missense mutation in this gene causes myoclonus dystonia; other mutations have been associated with schizophrenia. Alternative splicing of this gene results in two transcript variants encoding different isoforms. A third variant has been described, but it has not been determined whether this form is normal or due to aberrant splicing. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Rat Cerebrum tissue lysates Primary: Anti-DRD2 (bs-1008R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kDa Observed band size: 50 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=11.685] Kristine Elisabeth Eberhard. et al. Neurotransmitter and Neurotransmitter Receptor Expression in the Saccul of the Human Vestibular System. Prog Neurobiol. 2022 Jan;;102238 IHC ; Human . 35104536

[IF=8.46] Zhang, Q. B., et al. "Moderate swimming suppressed the growth and metastasis of the transplanted liver cancer in mice model: with reference to nervous system." Oncogene (2016). WB ; ="Human" . 26686088

[IF=4.7] Ziyue Zhang. et al. Study on the Chemical Composition and Anti-Tumor Mechanisms of Clausena lansium Fruit By-Products: Based on LC-MS, Network Pharmacology Analysis, and Protein Target Validation. FOODS. 2024 Jan;13(23):3878 WB ; Human . 39682950

[IF=4.181] Bai L et al. m6A demethylase FTO regulates dopaminergic neurotransmission deficits caused by arsenite. Toxicol Sci. 2018 Oct 1;165(2):431-446. WB ; Mouse . 29982692

[IF=3.26] Salgado, R., et al. "Perfluorooctane sulfonate (PFOS) exposure could modify the dopaminergic system in several limbic brain regions." Toxicology Letters(2015). WB ; ="Rat" . 26529483