

bs-1008R**[Primary Antibody]****DRD2 Rabbit pAb****Bioss**
ANTIBODIES

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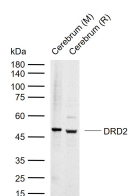
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 1813 Target: DRD2 Immunogen: KLH conjugated synthetic peptide derived from human DRD2: 201-300/443. < Cytoplasmic > Purification: affinity purified by Protein A Concentration: 1mg/ml 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]	Isotype: IgG SWISS: P14416	Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human) Predicted MW.: 51 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— 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

— SELECTED CITATIONS —

- **[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

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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