

Product datasheet for **BP122S**

Dopamine D2 Receptor (DRD2) (Short Isoform, 239-246) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	<p>Immunohistochemistry: Suitable for immunocytochemical detection of the D2s dopamine receptor : this antiserum has been found to stain specific cells in various regions of PLP fixed rat brain sections at 1:500 dilution. This includes Medial septum, Nucleus accumbens, Dentate gyrus, Globus pallidus, Medial forebrain bundle, Cortex regions 1-3, Substantia Nigra reticulata, and the Ventral tegmental area.</p> <p>Western Blot of the D2s dopamine receptor. Western Immunoblots using whole rat brain homogenate resulted in a single band being detected at ~48 kD at 1:800 dilution.</p> <p>Immunocytochemistry. ELISA.</p>
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	D2s (Ac239-Cys247) covalently attached to a carrier protein
Specificity:	<p>Specific for Dopamine D2s Receptor (a.a. 239-246). This antisera has been characterized by immunocytochemical, Western immunoblot and ELISA techniques.</p> <p>Cross-reactivity: D2s Dopamine Receptor (239-246): 100% D2s Dopamine Receptor: 50% D2L Dopamine Receptor: 0% D1 Dopamine Receptor: (9-21) 0% D1 Dopamine Receptor: 0% D3 Dopamine Receptor: (2-10) 0% D3 Dopamine Receptor: 0% D4 Dopamine Receptor (176-185): 0% D4 Dopamine Receptor: 0% D5 Dopamine Receptor (23-35): 0% D5 Dopamine Receptor: 0%</p>



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Formulation:	State: Serum State: Lyophilized neat serum Stabilizer: None Preservative: None
Reconstitution Method:	Restore with 0.1 ml of PBS which contains 10 mg/ml BSA or with additional buffer for more dilute antisera.
Conjugation:	Unconjugated
Storage:	Lyophilized: Store at 2-8°C (preferably in a dessicator). Reconstituted: Aliquot and store at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dopamine receptor D2
Database Link:	Entrez Gene 1813 Human P14416
Synonyms:	DRD2
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Gap junction, Neuroactive ligand-receptor interaction