

DRD5 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11653c**Specification**

DRD5 Antibody (Center) Blocking peptide - Product Information

Primary Accession [P21918](#)

DRD5 Antibody (Center) Blocking peptide - Additional Information

Gene ID 1816

Other Names

D(1B) dopamine receptor, D(5) dopamine receptor, D1beta dopamine receptor, Dopamine D5 receptor, DRD5, DRD1B, DRD1L2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DRD5 Antibody (Center) Blocking peptide - Protein Information

Name DRD5

Synonyms DRD1B, DRD1L2

Function

Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Neuron-specific, localized primarily within limbic regions of the brain.

DRD5 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DRD5 Antibody (Center) Blocking peptide - Images**DRD5 Antibody (Center) Blocking peptide - Background**

This gene encodes the D5 subtype of the dopamine receptor. The D5 subtype is a G-protein coupled receptor which stimulates adenylyl cyclase. This receptor is expressed in neurons in the limbic regions of the brain. It has a 10-fold higher affinity for dopamine than the D1 subtype. Pseudogenes related to this gene reside on chromosomes 1 and 2.

DRD5 Antibody (Center) Blocking peptide - References

Saus, E., et al. J Psychiatr Res 44(14):971-978(2010) Muller, D.J., et al. Pharmacogenomics J. (2010) In press :Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :Sloan, C.D., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1060-1069 (2010) :Marley, A., et al. PLoS ONE 5 (5), E10902 (2010) :