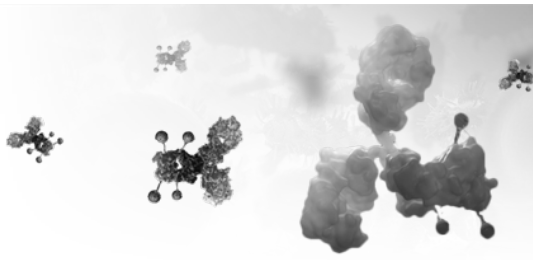

Human DRD1 blocking peptide (CDBP1036)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Dopamine receptor D1/DRD1 antibody
Antigen Description	This gene encodes the D1 subtype of the dopamine receptor. The D1 subtype is the most abundant dopamine receptor in the central nervous system. This G-protein coupled receptor stimulates adenylyl cyclase and activates cyclic AMP-dependent protein kinases. D1 receptors regulate neuronal growth and development, mediate some behavioral responses, and modulate dopamine receptor D2-mediated events. Alternate transcription initiation sites result in two transcript variants of this gene. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	DRD1 dopamine receptor D1 [Homo sapiens]
Official Symbol	DRD1
Synonyms	DRD1; dopamine receptor D1; D(1A) dopamine receptor; dopamine D1 receptor; DADR; DRD1A;

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Entrez Gene ID	1812
mRNA Refseq	NM_000794
Protein Refseq	NP_000785
UniProt ID	P21728
Chromosome Location	5q34-q35
Pathway	Amine ligand-binding receptors, organism-specific biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cocaine addiction, organism-specific biosystem;
Function	G-protein coupled receptor activity; dopamine binding; dopamine receptor activity; dopamine receptor activity, coupled via Gs; dopamine receptor activity, coupled via Gs; drug binding; protein binding; receptor activity; signal transducer activity;

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