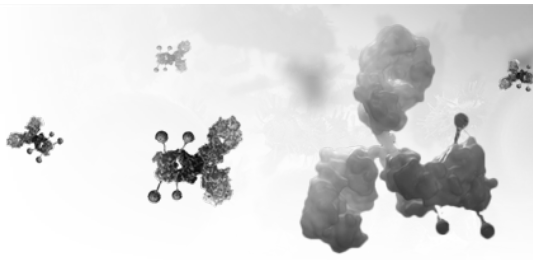

Human HTR2A blocking peptide (CDBP1526)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-HTR2A antibody
Antigen Description	This gene encodes one of the receptors for serotonin, a neurotransmitter with many roles. Mutations in this gene are associated with susceptibility to schizophrenia and obsessive-compulsive disorder, and are also associated with response to the antidepressant citalopram in patients with major depressive disorder (MDD). MDD patients who also have a mutation in intron 2 of this gene show a significantly reduced response to citalopram as this antidepressant downregulates expression of this gene. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]
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	HTR2A 5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled [Homo sapiens]
Official Symbol	HTR2A
Synonyms	HTR2A; 5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled; 5 hydroxytryptamine

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	(serotonin) receptor 2A , HTR2; 5-hydroxytryptamine receptor 2A; 5 HT2A; 5-HT-2A; 5-HT2 receptor; serotonin 5-HT-2A receptor; HTR2; 5-HT2A;
Entrez Gene ID	3356
mRNA Refseq	NM_000621
Protein Refseq	NP_000612
UniProt ID	P28223
Chromosome Location	13q14-q21
Pathway	Amine ligand-binding receptors, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;
Function	1-(4-iodo-2,5-dimethoxyphenyl)propan-2-amine binding; G-protein coupled receptor activity; drug binding; phosphatidylinositol phospholipase C activity; receptor activity; serotonin binding; serotonin receptor activity; signal transducer activity;

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