



## Human HTR3A blocking peptide (CDBP2644)

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

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Serotonin receptor 3A/HTR3A antibody
Antigen Description	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified. [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	<a href="#">HTR3A 5-hydroxytryptamine (serotonin) receptor 3A, ionotropic [ Homo sapiens (human) ]</a>
Official Symbol	HTR3A

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<b>Synonyms</b>	HTR3A; 5-hydroxytryptamine (serotonin) receptor 3A, ionotropic; HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R; 5-hydroxytryptamine receptor 3A; 5-HT3-A; serotonin receptor 3A; 5HT3 serotonin receptor; 5-hydroxytryptamine receptor 3; serotonin-gated ion channel receptor;
<b>Entrez Gene ID</b>	<a href="#">3359</a>
<b>mRNA Refseq</b>	<a href="#">NM_000869.5</a>
<b>Protein Refseq</b>	<a href="#">NP_000860.2</a>
<b>UniProt ID</b>	B4E398
<b>Chromosome Location</b>	11q23.1
<b>Pathway</b>	Ion channel transport, organism-specific biosystem; Ligand-gated ion channel transport, organism-specific biosystem; SIDS Susceptibility Pathways, organism-specific biosystem; Serotonergic synapse, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
<b>Function</b>	receptor activity; serotonin binding; serotonin receptor activity; serotonin-activated cation-selective channel activity; voltage-gated potassium channel activity;

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