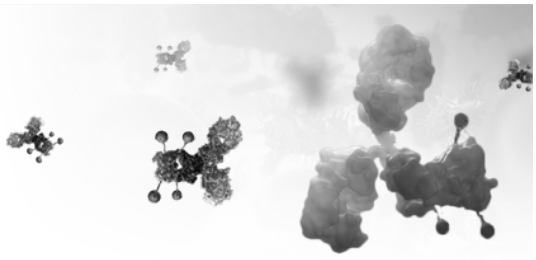

Human GABRG2 blocking peptide (CDBP1321)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GABRG2 (aa401-413) antibody
Antigen Description	This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammlian brain, where it acts at GABA-A receptors, which are ligand-gated chloride channels. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene have been associated with epilepsy and febrile seizures. Multiple transcript variants encoding different isoforms have been identified for 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	GABRG2 gamma-aminobutyric acid (GABA) A receptor, gamma 2 [Homo sapiens]
Official Symbol	GABRG2
Synonyms	GABRG2; gamma-aminobutyric acid (GABA) A receptor, gamma 2; gamma-aminobutyric acid receptor subunit gamma-2; GABA(A) receptor; gamma 2; GABA(A) receptor, gamma 2;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	GABA(A) receptor subunit gamma-2; CAE2; ECA2; GEFSP3;
Entrez Gene ID	2566
mRNA Refseq	NM_000816
Protein Refseq	NP_000807
UniProt ID	P18507
Chromosome Location	5q34
Pathway	GABA A receptor activation, organism-specific biosystem; GABA receptor activation, organism-specific biosystem; GABAergic synapse, organism-specific biosystem; GABAergic synapse, conserved biosystem; Ion channel transport, organism-specific biosystem; Ligand-gated ion channel transport, organism-specific biosystem; Morphine addiction, organism-specific biosystem;
Function	GABA-A receptor activity; benzodiazepine receptor activity; chloride channel activity; extracellular ligand-gated ion channel activity; ion channel activity; protein binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221