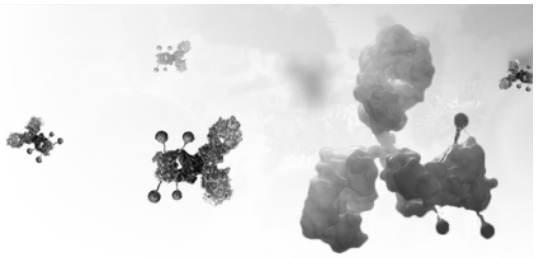

Anti-GABRB2 (internal region) polyclonal antibody (DPAB-DC1222)

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

PRODUCT INFORMATION

Antigen Description	The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 2 subunit. It is mapped to chromosome 5q34 in a cluster comprised of genes encoding alpha 1 and gamma 2 subunits of the GABA A receptor. Alternative splicing of this gene generates 2 transcript variants, differing by a 114 bp insertion.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human GABRB2. The sequence is C-HSFGRNALERHVAQ
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	GABRB2 gamma-aminobutyric acid (GABA) A receptor, beta 2 [Homo sapiens (human)]
Official Symbol	GABRB2
Synonyms	GABRB2; gamma-aminobutyric acid (GABA) A receptor, beta 2; gamma-aminobutyric acid receptor subunit beta-2; GABA(A) receptor, beta 2; GABA(A) receptor subunit beta-2; gamma-aminobutyric acid A receptor beta 2;
Entrez Gene ID	2561
Protein Refseq	NP_000804
UniProt ID	P47870
Chromosome Location	5q34
Pathway	GABA A receptor activation; GABAergic synapse; Ion channel transport; Morphine addiction
Function	GABA-A receptor activity; chloride channel activity; inhibitory extracellular ligand-gated ion channel activity;

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