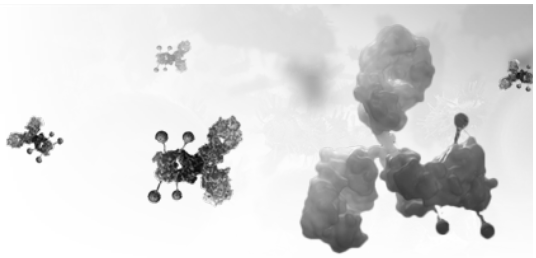

Anti-GABRG2 (aa37-53) monoclonal antibody, clone 20G20-D2-C9 (CABT-B225)

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

PRODUCT INFORMATION

Specificity	Reactive against the N-terminal extracellular domain (amino acids 37-53) of the gamma2 subunit of the GABA-A protein in rats.
Target	GABRG2
Immunogen	Generated against the gamma2 subunit of the GABA-A protein from rats
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Rat
Clone	20G20-D2-C9
Purification	Protein G affinity purified
Conjugate	Unconjugated
Applications	WB, IF, IHC, IP
Epitope	N-terminal extracellular domain (amino acids 37-53)
Concentration	1 mg/mL
Size	50 µg
Buffer	0.1M Sodium Phosphate, pH 7.4, 0.15M NaCl, 0.05% (w/v) Sodium Azide
Preservative	0.05% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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Storage	-20°C

BACKGROUND

Introduction	GABA-A receptors are ligand-gated neurotransmitter receptors that function to mediate the fast synaptic inhibition within the brain. They are pentamers, composed from a variety of classes of subunits with gamma being just one class. Each subunit is composed of an extracellular N-terminal domain, four membrane spanning units, and a small extracellular C-terminal segment. Several mutations in the GABA(A) receptor subunit gamma-2 expression have been linked to epileptic syndromes that result in fibrile seizures.
Keywords	GABRG2;gamma-aminobutyric acid (GABA) A receptor, gamma 2;CAE2;ECA2;GEFSP3;gamma-aminobutyric acid receptor subunit gamma-2;GABA(A) receptor, gamma 2;GABA(A) receptor subunit gamma-2

GENE INFORMATION

Entrez Gene ID	2566
UniProt ID	P18507

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