GABA (Gamma-Aminobutyric acid), BSA-conjugated

DAG3309 chemosynchetic
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	GABA (Gamma-Aminobutyric acid), BSA-conjugated
Description	GABA (Gamma-Aminobutyric acid), Conjugated
Species	chemosynchetic
Specificity	GABA (Gamma-Aminobutyric acid) conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Conjugate	BSA
Form	Lyophilized (1 mg); Lyophilized and reconstituted in deionized water (250 µg)
Applications	immunohistochemistry and immunocytochemistry
Usage	This antigen was used to produce a polyclonal antibody.
Quality Control Test	250 micrograms, 1 milligram

PACKAGING

Storage	Store at -20°C for one year. Reconstitute with deionized H2O + 0.1% merthiolate (optional preservative). This solution is stable at +4°C for 15 days.

BACKGROUND

Introduction	Gamma-aminobutyric acid (GABA) is a major inhibitory neurotransmitter. GABA acts at inhibitory synapses in the brain and spinal cord. Inhibition is provoked by GABA binding resulting in hyperpolarization of the synaptic transmembrane potential of the affected neuron. GABA binding causes ion channels to open allowing either the flow of chloride or potassium ions into or out of the cell.
Keywords	gamma-Aminobutyric acid; γ-Aminobutyric acid; GABA; H-GABA-OH; Aminalon; Gaballon; Gamarex; Gammar; Gammasol; Mielogen; Reanal; H-ABU-OH

REFERENCES

1. Dawson, R.M.C., et al., Data for Biochemical Research, Oxford, Clarendon Press, 1959.
2. Szabadics J, Varga C, Molnár G, Oláh S, Barzó P, Tamás G (January 2006). "Excitatory effect of GABAergic axo-axonic cells in cortical microcircuits". Science 311 (5758): 233–235.

45-16 Ramsey Road Shirley, NY 11967, USA
Tel: 631-624-4882 ·Fax:631-614-7828
E-mail: info@creative-diagnostics.com
www.creative-diagnostics.com