

GAD-67 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251665

Unit: 0.1 mg

Description:

67 kDa glutamic acid decarboxylase (GAD-67) catalyzes the production of GABA, the main inhibitory neurotransmitter in the central nervous system. Defects in GAD-67 are the cause of cerebral palsy spastic quadriplegic type 1 (CPSQ1), a non-progressive disorder of movement and/or posture resulting from defects in the developing central nervous system. Affected individuals manifest symmetrical, non-progressive spasticity and no adverse perinatal history or obvious underlying alternative diagnosis. Developmental delay, mental retardation and sometimes epilepsy can be part of the clinical picture.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: D, H, M, R

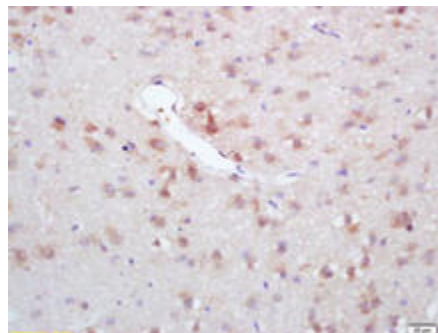
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: GAD-67; Glutamate decarboxylase 67 kDa isoform; Glutamate decarboxylase 1; 67 kDa glutamic acid decarboxylase; GAD1; GAD; GAD67

Accession No.: Q99259

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GAD-67.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



GAD-67 staining in rat brain. Formalin-fixed paraffin-embedded rat brain tissue is stained with GAD-67 Antibody (Cat. No. 251665) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.