Product datasheet

anti-Glutamic Acid Decarboxylase (GAD 65) rabbit polyclonal, serum

Short overview

Cat. No.	16036
Quantity	50 µl (lyoph.)

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	Synthetic GAD 65 (520-534), conjugated to BSA
Formulation	Lyophilized; reconstitute in 100 µl dist. water
UniprotID	Q05683 (Rat)
Conjugate	Unconjugated
Purification	Undiluted antiserum
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Rat

Applications

Immunohistochemistry (IHC) - frozen	1:100-1:300
Immunohistochemistry (IHC) - paraffin	1:100-1:300 (microwave treatment recommended)

Background

Glutamic acid decarboxylase (GAD) is the GABA-synthesizing enzyme as well as a major autoantigen in insulin-dependent diabetes mellitus (DDM). GAD occurs in at least two isoforms, GAD 65 and GAD 67. The antibody was raised by immunizing with a synthetic peptide from the C-terminus of GAD 65. Absorption with 10-100 ug immunogen per ml diluted antiserum abolishes the staining.

Stefanini-fixed frozen sections of rat pancreas.

Product images



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