

Product: Anti-GAD 65 (Glutamic Acid Decarboxylase)
Catalog #: 03-16036
Amount: 100 ml

CATEGORY: Rabbit Polyclonal
IMMUNOGEN: Synthetic GAD 65 (aa 520-534) conjugated to BSA
FORM: Serum containing 0.1% Sodium Azide
DESCRIPTION/SPECIFICITY: GAD is the GABA-synthesizing enzyme as well as a major autoantigen in insulin-dependent diabetes mellitus (IDDM). It 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 µg GAD 65 per ml diluted antiserum abolishes the staining.
POSITIVE CONTROL: Stefanini-fixed frozen sections of rat pancreas
ANTIGEN RECOGNIZED IN SPECIES (tested so far): Rat
APPLICATION: Immunofluorescence microscopy
Immunohistochemistry, suitable in paraffin and frozen sections
WORKING DILUTION: 1:10 to 1:15 PAP
1:5 to 1:10 for immunofluorescence with overnight incubation at 2-8°C
DILUTION BUFFER: 0.1M PBS containing 1% BSA and 0.1 % sodium azide
STORAGE: 2-8°C for immediate use, or at -20°C (aliquot)

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.