GAD2 Antibody (Center)

Catalog_no：	AB0885
Applications：	FC, WB
Reactivity：	H
Category：	抗原抗体
Size：	100μL/50μL
Immunogen：	HUMAN:109-138
Specificity：	This GAD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the Central region of human GAD2.
Dilution：	WB,1:1000;WB,1:1000;IHC-P,1:50~100;IF,1:10~50;
Purification：	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name：	Glutamate decarboxylase 2, 65 kDa glutamic acid decarboxylase, GAD-65, Glutamate decarboxylase 65 kDa isoform, GAD2, GAD65
Isotype：	Rabbit Ig
Background：	This gene encodes one of several forms of glutamic acid decarboxylase, identified as a major autoantigen in insulin-dependent diabetes. The enzyme encoded is responsible for catalyzing the production of gamma-aminobutyric acid from L-glutamic acid. A pathogenic role for this enzyme has been identified in the human pancreas since it has been identified as an autoantibody and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Alternative splicing results in multiple transcript variants that encode the same protein.
reference：	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Jia, P., et al. Schizophr. Res. 122 (1-3), 38-42 (2010) : Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 10