

GAD2 antibody

Product Information

Catalog No.:	FNab03291
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

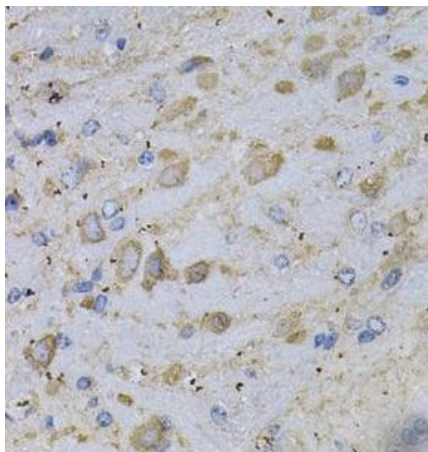
Immunogen information

Immunogen:	glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)
Synonyms:	Glutamate decarboxylase 2 65 kDa glutamic acid decarboxylase (GAD-65) Glutamate decarboxylase 65 kDa isoform GAD2 GAD65
Observed MW:	70 kDa
Uniprot ID :	Q05329

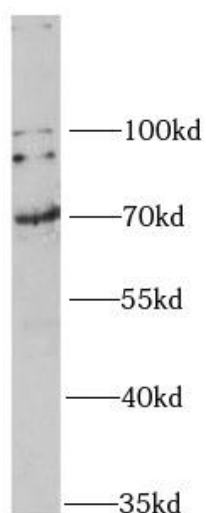
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IF, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:10 - 1:100

Image:



Immunohistochemistry of paraffin-embedded rat brain using FNab03291(GAD2 antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with FNab03291(GAD2 Antibody) at dilution of 1:1000