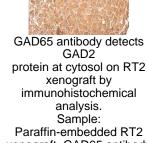


German Research Products - GRP GmbH In der Stockwiese 26 D-85410 Haag/Amper, Germany Email: info@grp-ak.de Phone: +49 (0)8167 6335

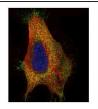
Product Datasheet

GAD65 antibody **GRP136**

Description	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. [provided by RefSeq]	
Species/Host	Rabbit	
Reactivity	Human, Mouse, Rat	
Conjugation	Unconjugated	
Tested Applications	ICC, IF, IHC-P, WB	
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human GAD65. The exact sequence is proprietary.	GAD65 antibody GAD2 protein at cytosol xenograft b immunohistoche analysis.
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.	Sample: Paraffin-embedd xenograft. GAD65
Concentration	0.25 mg/ml	(GRP588) dilutior
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	
Note	For research use only.	
Isotype	IgG	Confocal immunofluorese
Clonality	Polyclonal	analysis (Olympus of
Purity	Purified by antigen-affinity chromatography.	paraformaldehyd HeLa,
Uniprot ID	Q05329	using GAD65(GF antibody
Entrez	2572	(Green) at 1:500 Alpha-tubulin fila
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000	were labeled with (Re 1:2500.



Ided RT2 5 antibody on: 1:500.



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