

Rabbit GAD65 Polyclonal Antibody | anti-GAD65 antibody

GAD65 Antibody

CATALOG # AAA225079	HOST Rabbit	APPLICATIONS Western Blot
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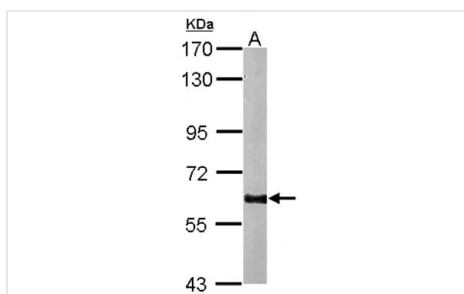
PRODUCT SYNONYMS

GAD65; Polyclonal Antibody; GAD65 Antibody; Affinity Purified Rabbit Polyclonal GAD65 Antibody; Polyclonal GAD65 antibody; Anti-GAD65 antibody; GAD 65; glutamate decarboxylase 65 kDa isoform antibody; GAD-65 antibody; glutamate decarboxylase 2 (pancreatic islets and brain 65kDa) antibody; 65 kDa glutamic acid decarboxylase antibody; glutamate decarboxylase 2 antibody; MGC161605 antibody; GAD65 antibody; GAD2 antibody; MGC161607 antibody; GAD-65; GAD 65 antibody; Glutamate decarboxylase-2 (pancreas) antibody; anti-GAD65 antibody

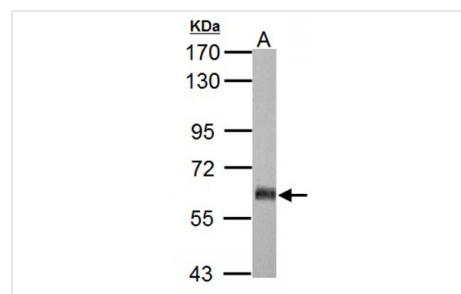
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 1X PBS, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-GAD65 antibody	WB (Western Blot)
Immunogen	GAD65 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 465 and 558 of GAD65
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 20 ug of whole cell lysate (A: mouse brain) using a 7.5% SDS PAGE gel and GAD65 antibody at a dilution of 1:10000


WB (Western Blot)

Western blot analysis of 10 ug of whole cell lysate (A: rat brain) using a 7.5% SDS PAGE gel and GAD65 antibody at a dilution of 1:10000

ADDITIONAL INFORMATION

Related Product Information for anti-GAD65 antibody	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.
Product Categories/Family for anti-GAD65 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

Molecular Weight	65 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gad65-antibody-western-blot-elisa/225079>