


Product datasheet

Anti-GAD65 + GAD67 antibody ab11070

★★★★★ 5 Abreviews 50 References 1 Image

Overview

Product name	Anti-GAD65 + GAD67 antibody
Description	Rabbit polyclonal to GAD65 + GAD67
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Pig 
Immunogen	Synthetic peptide: DFLIEEIERLGQDL , corresponding to C terminal amino acids 572-585 of Human GAD65+67. Run BLAST with Run BLAST with
Positive control	WB: Mouse brain tissue lysate.
General notes	Storage in frost free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section. Store undiluted. The product can be stored for up to 12 months.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
Purity	IgG fraction
Purification notes	An immunoglobulin-rich fraction was prepared from whole serum by ammonium sulphate

precipitation.

Clonality Polyclonal

Isotype IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab11070 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 65, 67 kDa (predicted molecular weight: 65 kDa).

Target

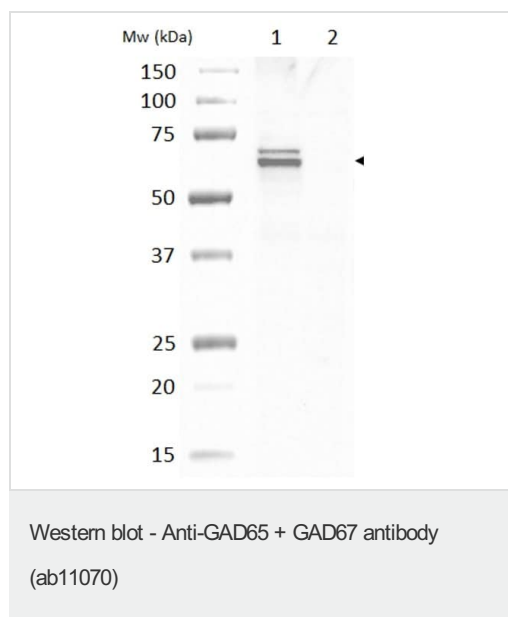
Relevance

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.

Cellular localization

Cytoplasm; cytosol. Associated to cytoplasmic vesicles. In neurons, cytosolic leaflet of Golgi membranes and presynaptic clusters.

Images



All lanes : Anti-GAD65 + GAD67 antibody (ab11070) at 1/1000 dilution

Lane 1 : Mouse brain tissue lysate

Lane 2 : Mouse skeletal muscle tissue lysate (negative control)

Secondary

All lanes : Goat Anti-rabbit IgG (HRP)

Predicted band size: 65 kDa

Observed band size: 65,67 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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