

Anti-GAD67 GAD1 Rabbit Monoclonal Antibody
Catalog # ABO13773**Specification****Anti-GAD67 GAD1 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IP
Primary Accession	Q99259
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-GAD67 GAD1 Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.

Anti-GAD67 GAD1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 2571

Other Names

Glutamate decarboxylase 1, 4.1.1.15, 67 kDa glutamic acid decarboxylase, GAD-67, Glutamate decarboxylase 67 kDa isoform, GAD1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4092)>HGNC:4092), GAD, GAD67

Calculated MW

66897 MW KDa

Application Details

WB 1:500-1:2000
IP 1:50

Tissue Specificity

Isoform 3 is expressed in pancreatic islets, testis, adrenal cortex, and perhaps other endocrine tissues, but not in brain..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human GAD67

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-GAD67 GAD1 Rabbit Monoclonal Antibody - Protein Information

Name GAD1 ([HGNC:4092](#))

Synonyms GAD, GAD67

Function

Catalyzes the synthesis of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA) with pyridoxal 5'-phosphate as cofactor.

Tissue Location

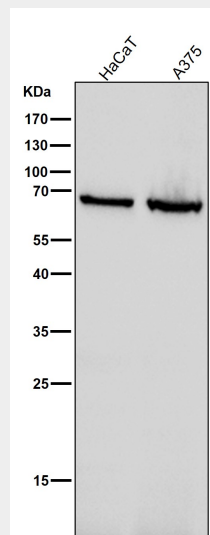
[Isoform 1]: Expressed in brain.

Anti-GAD67 GAD1 Rabbit Monoclonal Antibody - Protocols

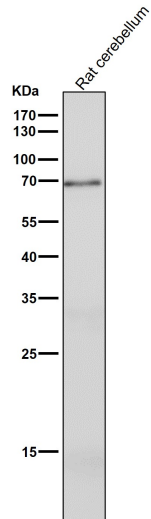
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

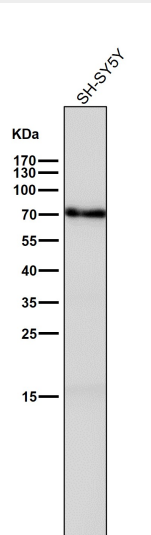
Anti-GAD67 GAD1 Rabbit Monoclonal Antibody - Images



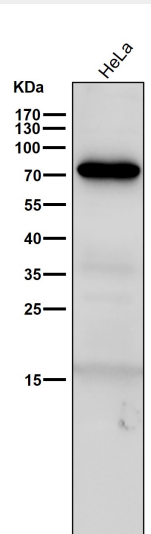
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



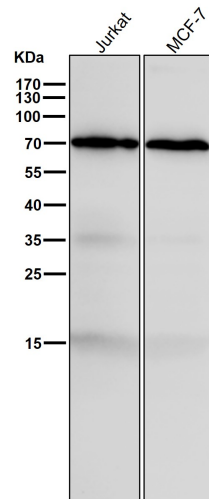
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



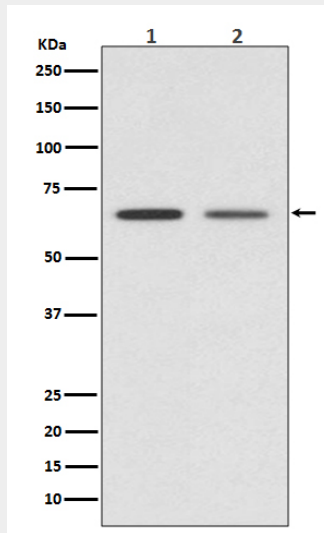
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Western blot analysis of GAD67 expression in (1) Jurkat cell lysate; (2) C6 cell lysate.