

GAD1 / GAD67 Antibody (aa1-100)
Rabbit Polyclonal Antibody
Catalog # ALS12072

Specification

GAD1 / GAD67 Antibody (aa1-100) - Product Information

Application	WB, IHC
Primary Accession	O99259
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67kDa KDa

GAD1 / GAD67 Antibody (aa1-100) - 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, GAD, GAD67

Target/Specificity

KLH-conjugated synthetic peptide corresponding to a portion of amino acids 1-100 of human GAD67. The sequence used is 100% homologous with mouse and 94% homologous with rat GAD67.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

GAD1 / GAD67 Antibody (aa1-100) is for research use only and not for use in diagnostic or therapeutic procedures.

GAD1 / GAD67 Antibody (aa1-100) - 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

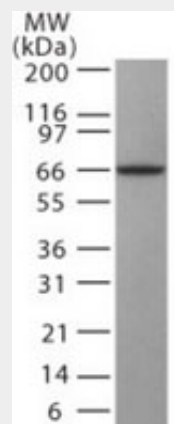
[Isoform 1]: Expressed in brain.

GAD1 / GAD67 Antibody (aa1-100) - Protocols

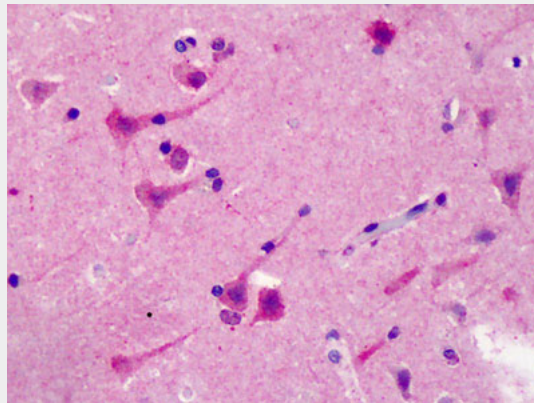
Provided below are standard protocols that you may find useful for product applications.

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

GAD1 / GAD67 Antibody (aa1-100) - Images



Western blot of GAD67 in SKNSH cell lysate using antibody at 0.5 ug/ml.



Anti-GAD67 antibody IHC of human brain, cortex.

GAD1 / GAD67 Antibody (aa1-100) - Background

Catalyzes the production of GABA.

GAD1 / GAD67 Antibody (aa1-100) - References

- Bu D.-F., et al. Proc. Natl. Acad. Sci. U.S.A. 89:2115-2119(1992).
Bu D.-F., et al. Genomics 21:222-228(1994).
Kelly C.D., et al. Lancet 338:1468-1469(1991).
Kelly C.D., et al. Ann. Hum. Genet. 56:255-265(1992).
Yamashita K., et al. Biochem. Biophys. Res. Commun. 192:1347-1352(1993).

