10320 Camino Santa Fe, Suite G
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GAD1 / GAD67 Antibody (Internal)

Goat Polyclonal Antibody

Catalog # ALS12622

Specification

GAD1 / GAD67 Antibody (Internal) - Product Information

Application	**WB, IHC**
Primary Accession	Q99259
Reactivity	**Human, Mouse**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**67kDa KDa**

GAD1 / GAD67 Antibody (Internal) - 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
Human GAD1 / GAD67. This antibody is expected to recognize isoform GAD67. There is no cross-reactivity expected with GAD2.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
GAD1 / GAD67 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

GAD1 / GAD67 Antibody (Internal) - 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 (Internal) - Protocols

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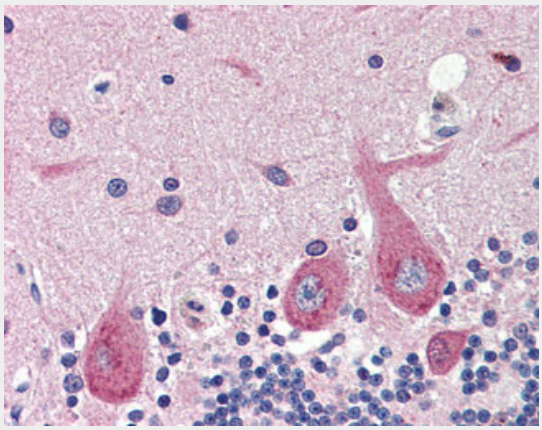
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GAD1 / GAD67 Antibody (Internal) - Images

Antibody (1 ug/ml) staining of Mouse Brain lysate (35 ug protein in RIPA buffer).



Anti-GAD67 antibody IHC of human brain, cerebellum.

GAD1 / GAD67 Antibody (Internal) - Background

Catalyzes the production of GABA.

GAD1 / GAD67 Antibody (Internal) - References

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