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GAD25 / GAD67 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3608a

Specification

GAD25 / GAD67 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q99259
Other Accession	NP_038473.2, NP_000808.2, 2571
Reactivity	**Mouse**
Predicted	**Human, Rat, Pig, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**66897**

GAD25 / GAD67 Antibody (internal region) - 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

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
GAD25 / GAD67 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GAD25 / GAD67 Antibody (internal region) - 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.

GAD25 / GAD67 Antibody (internal region) - Protocols

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

GAD25 / GAD67 Antibody (internal region) - Images



AF3608a (1 µg/ml) staining of Mouse Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

GAD25 / GAD67 Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_038473.2; NP_000808.2).

GAD25 / GAD67 Antibody (internal region) - References

Smoking-mediated up-regulation of GAD67 expression in the human airway epithelium Wang G, Wang R, Ferris B, Salit J, Strulovici-Barel Y, Hackett NR, Crystal RG. Respir Res. 2010 Oct 29;11:150. PMID: 21034448