

GAD25 / GAD67 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3608a**Specification**

GAD25 / GAD67 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q99259
Other Accession	NP_038473.2 , NP_000808.2 , 2571
Reactivity	Mouse
Predicted	Human, Rat, Pig, Dog
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

Dilution

WB~~1:1000

E~~N/A

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 Cytometry](#)
- [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