

**GAD / Glutamate Decarboxylase Antibody (aa545-594)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14195**

**Specification**

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**GAD / Glutamate Decarboxylase Antibody (aa545-594) - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">O99259</a>
Other Accession	<a href="#">Q05329</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**GAD / Glutamate Decarboxylase Antibody (aa545-594) - 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**

GAD1/2 Antibody detects endogenous levels of total GAD1/2 protein.

**Reconstitution & Storage**

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

**Precautions**

GAD / Glutamate Decarboxylase Antibody (aa545-594) is for research use only and not for use in diagnostic or therapeutic procedures.

**GAD / Glutamate Decarboxylase Antibody (aa545-594) - 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.

**Volume**

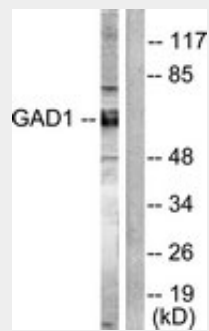
50 µl

## GAD / Glutamate Decarboxylase Antibody (aa545-594) - Protocols

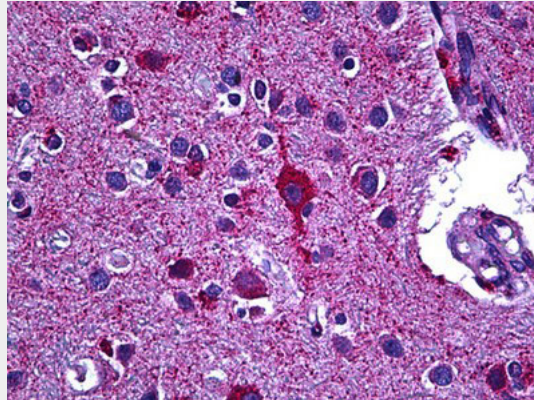
Provided below are standard protocols that you may find useful for product applications.

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

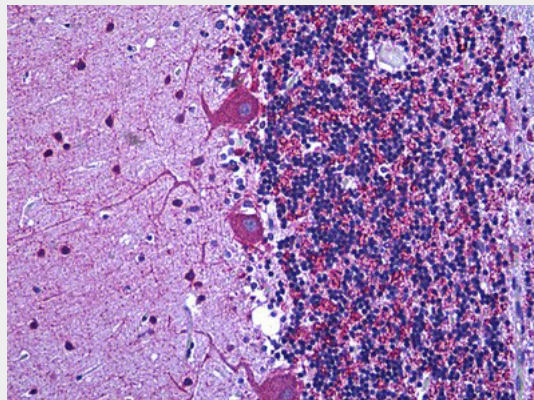
## GAD / Glutamate Decarboxylase Antibody (aa545-594) - Images



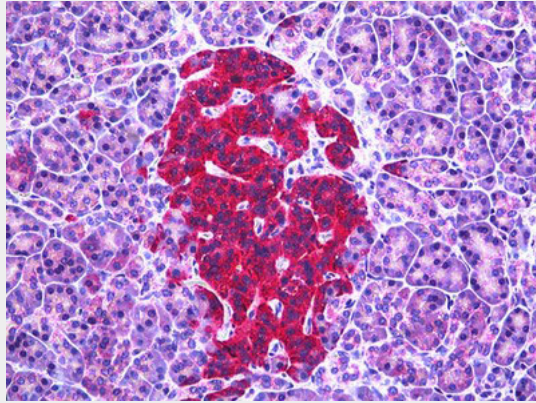
Western blot of extracts from mouse brain cells, using GAD1/2 Antibody.



Anti-Glutamate Decarboxylase antibody IHC of human brain, cortex.



Anti-Glutamate Decarboxylase antibody IHC of human brain cerebellum.



Anti-Glutamate Decarboxylase antibody IHC of human pancreas, islets of Langerhans.