

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

Specification

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

Application	WB, IHC
Primary Accession	O99259
Other Accession	Q05329
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

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

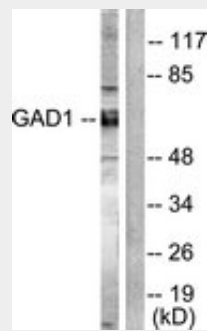
50 µl

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

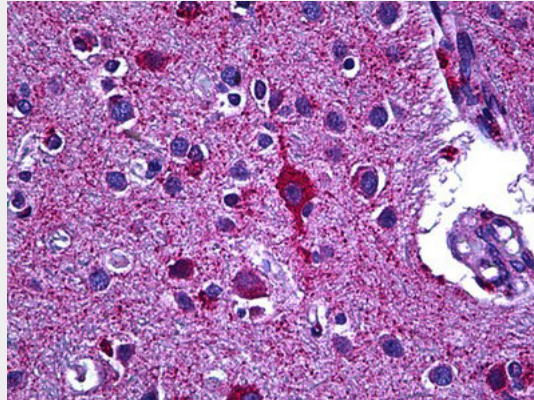
Provided below are standard protocols that you may find useful for product applications.

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

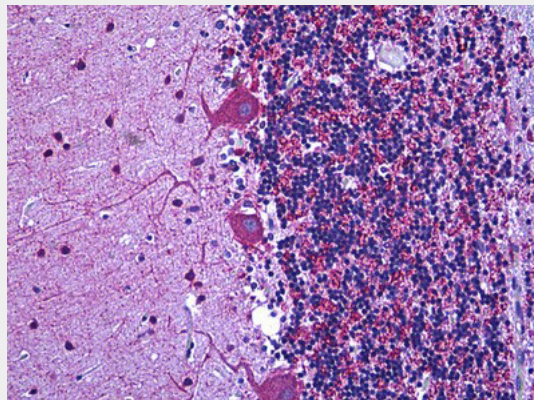
GAD / Glutamate Decarboxylase Antibody (aa545-594) - Images



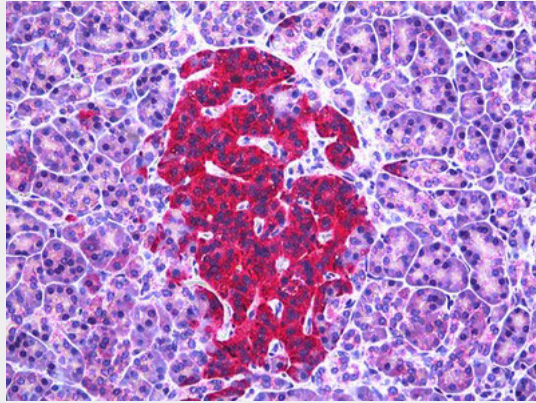
Western blot of extracts from mouse brain cells, using GAD1/2 Antibody.



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.