

# GAD67 antibody [HL1095]

**Cat. No. GTX636279**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P
<b>Reactivity</b>	Human, Mouse, Rat, Cat, Dog

**Package**  
100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:100-1:1000
IHC-P	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 67 kDa.

**Product Note** This antibody is specific for GAD67 protein, and it does not cross-react with GAD65 protein.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human GAD67. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

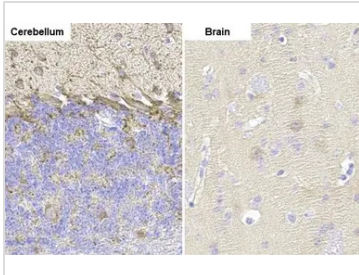


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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

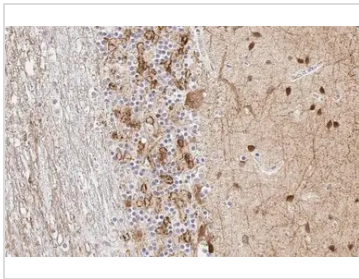
**DATA IMAGES**

**GTx636279 IHC-P Image**

GAD67 antibody [HL1095] detects GAD67 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

GAD67 stained by GAD67 antibody [HL1095] (GTx636279) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

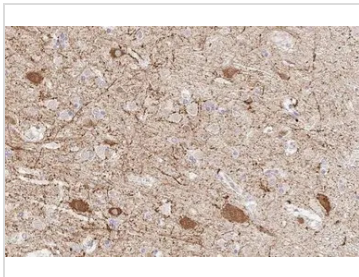

**GTx636279 IHC-P Image**

GAD67 antibody [HL1095] detects GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded cat cerebellum.

GAD67 stained by GAD67 antibody [HL1095] (GTx636279) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

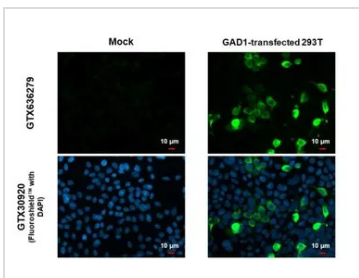

**GTx636279 IHC-P Image**

GAD67 antibody [HL1095] detects GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded dog cerebellum.

GAD67 stained by GAD67 antibody [HL1095] (GTx636279) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx636279 ICC/IF Image**

GAD67 antibody [HL1095] detects GAD67 protein at cytoplasm by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: GAD67 stained by GAD67 antibody [HL1095] (GTx636279) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).



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