

## GAD65 + GAD67 antibody [HL1181]

Cat. No. GTX636487

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Zebrafish, Cat, Dog, Japanese Medaka

Package  
100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 65 kDa.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human GAD65. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

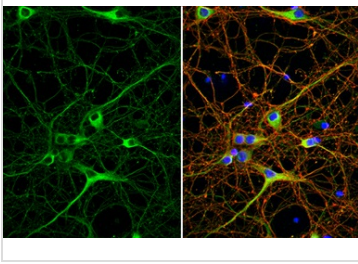
## Note

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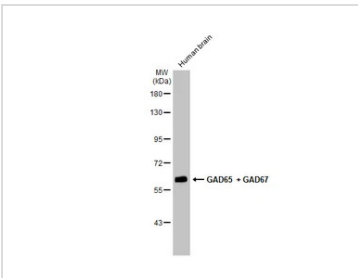


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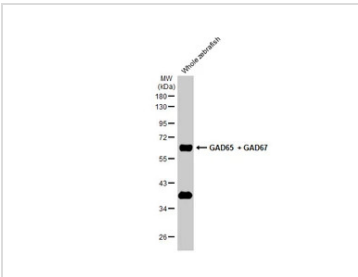
**DATA IMAGES**

**GTX636487 ICC/IF Image**

GAD65 + GAD67 antibody [HL1181] detects GAD65 + GAD67 protein at cytosol and cytoskeleton by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.  
Green: GAD65 + GAD67 stained by GAD65 + GAD67 antibody [HL1181] (GTX636487) diluted at 1:250.  
Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.  
Blue: Fluoroshield with DAPI (GTX30920).


**GTX636487 WB Image**

Human tissue extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with GAD65 + GAD67 antibody [HL1181] (GTX636487) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX636487 WB Image**

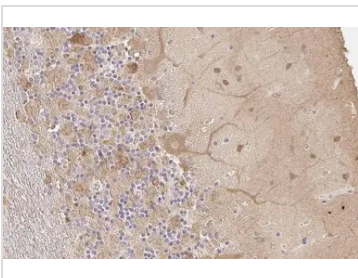
Whole zebrafish extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with GAD65 + GAD67 antibody [HL1181] (GTX636487) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX636487 IHC-P Image**

GAD65 + GAD67 antibody [HL1181] detects GAD65 + GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded dog brain.

GAD65 + GAD67 stained by GAD65 + GAD67 antibody [HL1181] (GTX636487) diluted at 1:100.  
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX636487 IHC-P Image**

GAD65 + GAD67 antibody [HL1181] detects GAD65 + GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded cat cerebellum.

GAD65 + GAD67 stained by GAD65 + GAD67 antibody [HL1181] (GTX636487) diluted at 1:100.  
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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