

Datasheet for ABIN1742415
anti-GAD antibody (AA 3-101)



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2 Images

1 Publication

Overview

Quantity:	50 µg
Target:	GAD (GAD1)
Binding Specificity:	AA 3-101
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant mouse GAD 1 (aa 3-101).
Specificity:	Specific for GAD 1 / GAD 67.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	GAD (GAD1)
Alternative Name:	GAD 1 (GAD1 Products)
Background:	Synonyms: GAD 67

Application Details

Application Notes:	WB: 1 : 1000 (AP staining)
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Application Details

IP: not tested yet
ICC: 1 : 500
IHC: not recommended

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 50 µL H₂O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

Buffer: PBS

Handling Advice: Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.

Storage: -20 °C

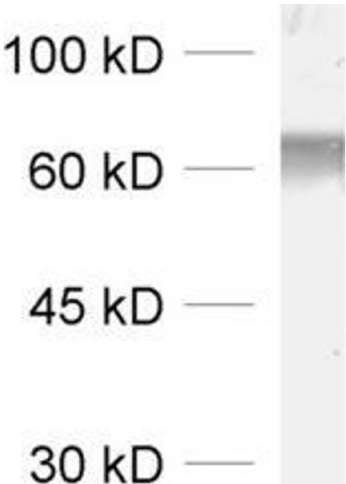
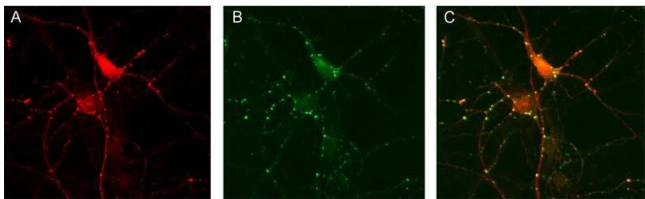
Storage Comment: Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

Publications

Product cited in: Beske, Scheeler, Adler, McNutt: "Accelerated intoxication of GABAergic synapses by botulinum neurotoxin A disinhibits stem cell-derived neuron networks prior to network silencing." in: **Frontiers in cellular neuroscience**, Vol. 9, pp. 159, (2015) ([PubMed](#)).

Immunocytochemistry

Image 1.



Western Blotting

Image 2. dilution: 1 : 1000, sample: synaptic vesicle fraction of rat brain (LP2)