

Anti- GAD1/2 Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A300071-01	50 µl
A300071-02	100 µl

Specificity	Anti- GAD1/2 (human mouse)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q05329

Other Names: Glutamate decarboxylase 2, EC 4.1.1.15, Glutamate decarboxylase 65 kDa isoform, GAD-65, 65 kDa glutamic acid decarboxylase

Specificity and Sensitivity

GAD1/2 Antibody detects endogenous levels of total GAD1/GAD2 protein.

Source and Purification

The antiserum was produced against synthesized peptide derived from human GAD1/GAD2.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:5000

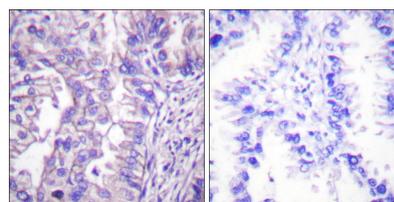
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

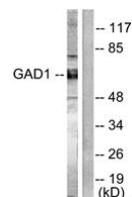
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using GAD1/2 Antibody.



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

Related Products

- PW001: Super ECL Assay kit
- E030120 : HRP, Goat Anti-Rabbit IgG(H+L)
- E032221: Dylight 488, Donkey Anti-Rabbit IgG(H+L)
- E021010: Anti-GAPDH Mouse Monoclonal Antibody
- E021020: Anti-beta Actin Mouse Monoclonal Antibody
- E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP