

GAD65 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS13081**Specification**

GAD65 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	Q05329
Reactivity	Human, Mouse, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	65kDa KDa

GAD65 Antibody (Internal) - Additional Information**Gene ID** 2572**Other Names**

Glutamate decarboxylase 2, 4.1.1.15, 65 kDa glutamic acid decarboxylase, GAD-65, Glutamate decarboxylase 65 kDa isoform, GAD2, GAD65

Target/Specificity

Human GAD2 / GAD65. This antibody is expected to recognise both reported variants.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

GAD65 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

GAD65 Antibody (Internal) - Protein Information**Name** GAD2 ([HGNC:4093](#))**Synonyms** GAD65**Function**

Catalyzes the production of GABA.

Cellular Location

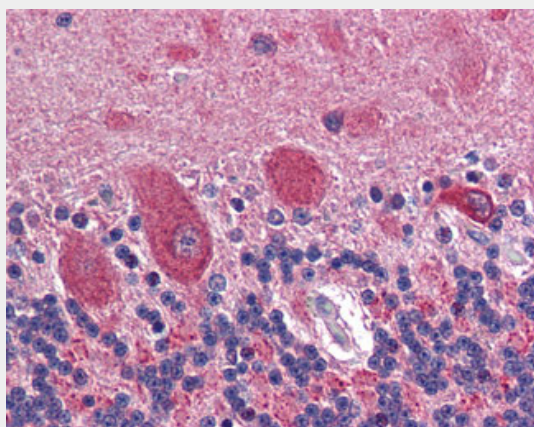
Cytoplasm, cytosol. Cytoplasmic vesicle. Presynaptic cell membrane; Lipid-anchor. Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side. Note=Associated to cytoplasmic vesicles In neurons, cytosolic leaflet of Golgi membranes and presynaptic clusters

GAD65 Antibody (Internal) - Protocols

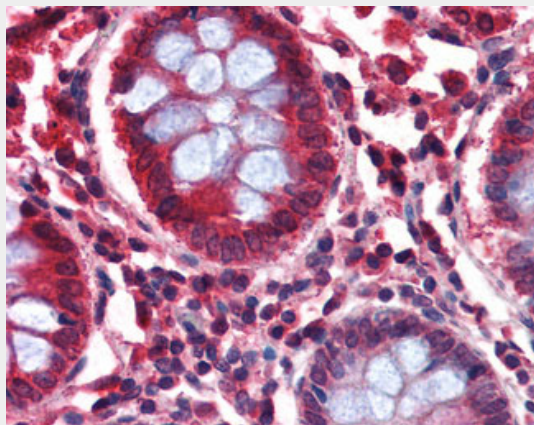
Provided below are standard protocols that you may find useful for product applications.

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

GAD65 Antibody (Internal) - Images



Anti-GAD2 / GAD65 antibody IHC of human brain, cerebellum.



Anti-GAD2 / GAD65 antibody IHC of human colon.

GAD65 Antibody (Internal) - Background

Catalyzes the production of GABA.

GAD65 Antibody (Internal) - References

Karlsen A.E., et al. Proc. Natl. Acad. Sci. U.S.A. 88:8337-8341(1991).
Bu D.-F., et al. Proc. Natl. Acad. Sci. U.S.A. 89:2115-2119(1992).
Bu D.-F., et al. Genomics 21:222-228(1994).
Mauch L., et al. Eur. J. Biochem. 212:597-603(1993).
Kim J., et al. Diabetes 42:1799-1808(1993).