

GAD65 (12K1) Rabbit Monoclonal Antibody

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Catalog # AP93807

Product Information

Application	WB, IHC, FC, IP
Primary Accession	Q05683
Reactivity	Rat, Mouse
Clonality	Monoclonal
Calculated MW	65402

Additional Information

Gene ID	24380
Other Names	Glutamate decarboxylase 2, 4.1.1.15, 65 kDa glutamic acid decarboxylase, GAD-65, Glutamate decarboxylase 65 kDa isoform, Gad2, Gad65
Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 IP~~N/A
Storage Conditions	-20°C

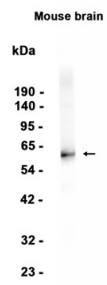
Protein Information

Name	Gad2
Synonyms	Gad65
Function	Catalyzes the production of GABA.
Cellular Location	Cytoplasm, cytosol. Cytoplasmic vesicle {ECO:0000250 UniProtKB:Q05329}. Presynaptic cell membrane {ECO:0000250 UniProtKB:Q05329}; Lipid-anchor {ECO:0000250 UniProtKB:Q05329}. Golgi apparatus membrane {ECO:0000250 UniProtKB:Q05329}; Peripheral membrane protein {ECO:0000250 UniProtKB:Q05329}; Cytoplasmic side {ECO:0000250 UniProtKB:Q05329}. Note=Associated to cytoplasmic vesicles. In neurons, cytosolic leaflet of Golgi membranes and presynaptic clusters. {ECO:0000250 UniProtKB:Q05329}

Background

Catalyzes the production of GABA

Images



Western blot analysis of extracts from Mouse brain tissue using AP93807 at 1:1000.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.