

GAD65 (12K1) Rabbit Monoclonal Antibody

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Catalog # AP93807

Product Information

Application	WB, IHC-P, ICC, FC, IP
Primary Accession	Q05683
Reactivity	Mouse, Rat
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-P~~N/A ICC~~N/A FC~~1:10~50 IP~~N/A
Storage Conditions	-20°C

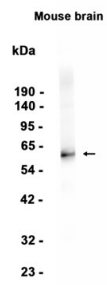
Protein Information

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'.