10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GAD67 Antibody

Rabbit mAb
Catalog # AP91212

Product Information

Application	WB, IP
Primary Accession	Q99259
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Glutamate decarboxylase 1; 67 kDa glutamic acid decarboxylase; GAD 67; GAD1; GAD; GAD67;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	66897

Additional Information

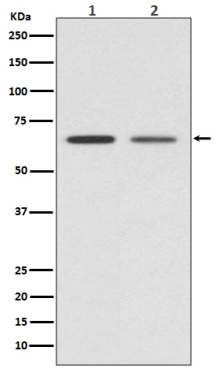
Dilution	WB 1:500~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GAD67
Description	Catalyzes the production of GABA.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	GAD1 (HGNC:4092)
Synonyms	GAD, GAD67
Function	Catalyzes the synthesis of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA) with pyridoxal 5'-phosphate as cofactor.
Tissue Location	[Isoform 1]: Expressed in brain.

Images

Western blot analysis of GAD67 expression in (1) Jurkat cell lysate; (2) C6 cell lysate.



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