

# GAD67 Antibody

Rabbit mAb

Catalog # AP91212

## Product Information

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<b>Application</b>	WB, IP
<b>Primary Accession</b>	<a href="#">Q99259</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	Glutamate decarboxylase 1; 67 kDa glutamic acid decarboxylase; GAD 67; GAD1; GAD; GAD67;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	66897

## Additional Information

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<b>Dilution</b>	WB 1:500~1:2000 IP 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human GAD67
<b>Description</b>	Catalyzes the production of GABA.
<b>Storage Condition and Buffer</b>	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

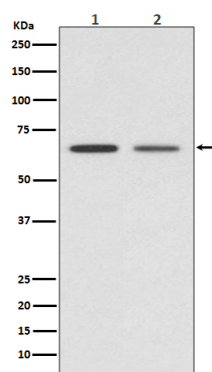
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<b>Name</b>	GAD1 ( <a href="#">HGNC:4092</a> )
<b>Synonyms</b>	GAD, GAD67
<b>Function</b>	Catalyzes the synthesis of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA) with pyridoxal 5'-phosphate as cofactor.
<b>Tissue Location</b>	[Isoform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

## Images

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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'.