

Rabbit GAD67 Polyclonal Antibody | anti-GAD67 antibody

GAD67 Antibody

CATALOG # AAA304983	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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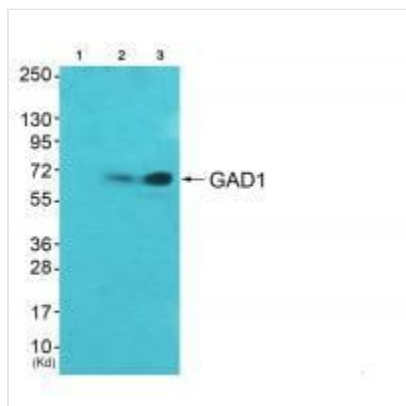
PRODUCT SYNONYMS

GAD67; Polyclonal Antibody; GAD67 Antibody; 4.1.1.15; GLUTAMATE DECARBOXYLASE; BRAIN; 67-KD; glutamate decarboxylase 1 (brain; anti-GAD67 antibody

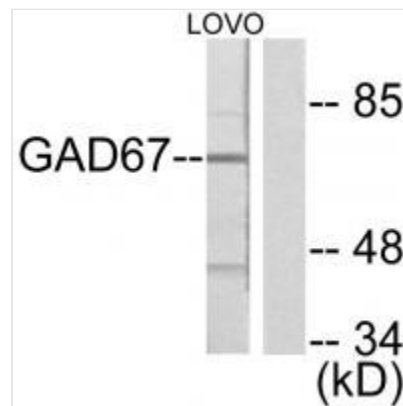
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GAD67 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	594
Applicable Applications for anti-GAD67 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human GAD67.
Target Name	GAD67
Preparation and Storage	Store at -20 degree C

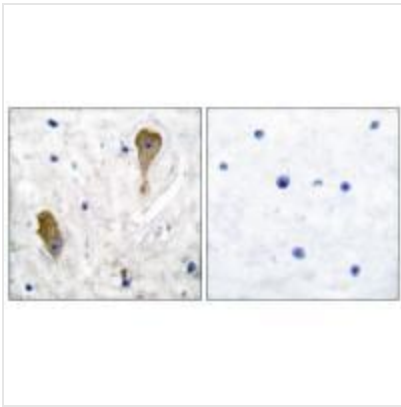
IMAGES


WB (Western Blot)

Western blot analysis of extracts from A549 cells (Lane 2) and HepG2 cells (Lane 3), using GAD67 antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using GAD67 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using GAD67 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GAD67 antibody	Catalyzes the production of GABA.Jamil Kanaani, J. Biol. Chem., Dec 1999; 274: 37200.Susan M. Murphy, J. Histochem. Cytochem., Nov 1998; 46: 1261.M. Gierdalski, Cereb Cortex, Sep 2001; 11: 806 - 815.Kyung Soo Kim, Diabetes, Sep 2002; 51: 2764.
Product Categories/Family for anti-GAD67 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	58331246
NCBI GeneID	2571
NCBI Accession #	NP_000808.2
NCBI GenBank Nucleotide #	NM_000817.2
UniProt Accession #	Q99259; Q49AK1; Q53TQ7; Q9BU91; Q9UHH4
Molecular Weight	47,440 Da
NCBI Official Full Name	glutamate decarboxylase 1 isoform GAD67
NCBI Official Synonym Full Names	glutamate decarboxylase 1 (brain, 67kDa)
NCBI Official Symbol	GAD1
NCBI Official Synonym Symbols	GAD; SCP; CPSQ1
NCBI Protein Information	glutamate decarboxylase 1
UniProt Protein Name	Glutamate decarboxylase 1
UniProt Gene Name	GAD1
UniProt Synonym Gene Names	GAD; GAD67; GAD-67
UniProt Entry Name	DCE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.