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Product datasheet for TA311806

GAD67 (GAD1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:10000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized peptide derived from human GAD67.
Formulation:	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	glutamate decarboxylase 1
Database Link:	NP_000808 Entrez Gene 14415 MouseEntrez Gene 24379 RatEntrez Gene 2571 Human Q99259
Synonyms:	CPSQ1; GAD; SCP
Note:	GAD67 antibody detects endogenous levels of total GAD67 protein.
Protein Families:	Druggable Genome
Protein Pathways:	Alanine, aspartate and glutamate metabolism, beta-Alanine metabolism, Butanoate metabolism, Metabolic pathways, Taurine and hypotaurine metabolism, Type I diabetes mellitus

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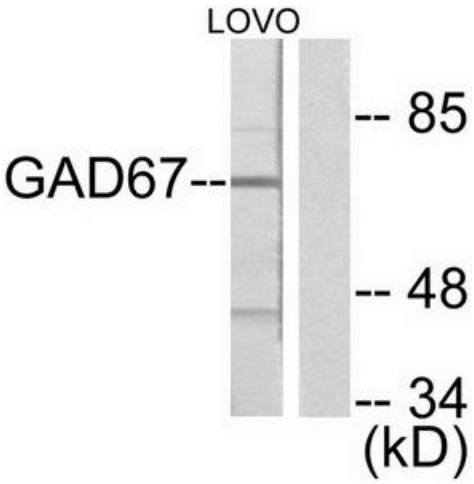
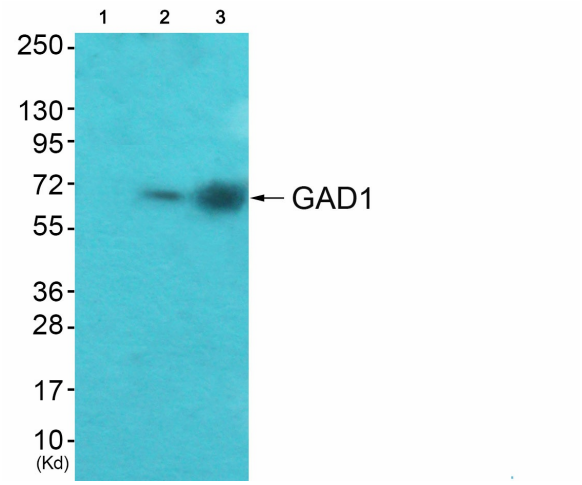
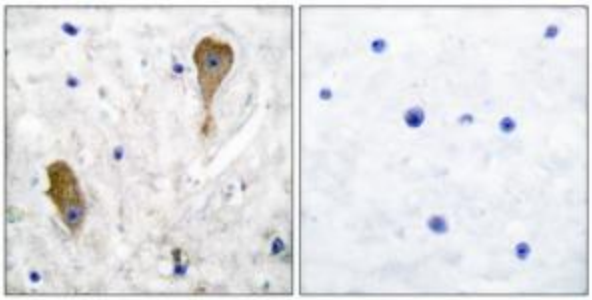
Product images:



Western blot analysis of extracts from LOVO cells, using GAD67 antibody.The lane on the right is treated with the synthesized peptide.



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 systhesized peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using GAD67 antibody.The picture on the right is treated with the synthesized peptide.