anti-Human, Mouse GAD1/2 Antibody | anti-GAD1/2 antibody

GAD1/2 Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA109674	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

GAD1/2; GAD1/2 Antibody; Glutamate decarboxylase 2; EC 4.1.1.15; Glutamate decarboxylase 65 kDa isoform; GAD-65; 65 kDa glutamic acid decarboxylase; anti-GAD1/2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	GAD1/2 Antibody detects endogenous levels of total GAD1/GAD2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	585
Applicable Applications for anti-GAD1/2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human GAD1/GAD2.
Preparation and Storage	Store at-20 degree C for 1 year

IMAGES

WB (Western Blot)
Western blot analysis of extracts from mouse brain cells, using GAD1/2 Antibody.

IHC (Immunohistochemistry)
Peptide-+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using GAD1/2 Antibody.

ADDITIONAL INFORMATION

References	JB Travers, Chem Senses, Feb 2007; 32: 129-137. Rita Sulahian, Nucleic Acids Res., Mar 2006; 34: 1351-1357. Andrea Pillai, Development, Jan 2007; 134: 357-366. Dmytro P. Yevtushenko, J. Exp. Bot., Aug 2003; 54: 2001-2002.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503875
NCBI GeneID	2572
NCBI Accession #	NP_000809.1
NCBI GenBank Nucleotide #	NM_000818.2
UniProt Accession #	Q05329; Q9UD87

Molecular Weight	65,411 Da
NCBI Official Full Name	glutamate decarboxylase 2
NCBI Official Synonym Full Names	glutamate decarboxylase 2
NCBI Official Symbol	GAD2
NCBI Official Synonym Symbols	GAD65
NCBI Protein Information	glutamate decarboxylase 2
UniProt Protein Name	Glutamate decarboxylase 2
UniProt Gene Name	**GAD2**
UniProt Synonym Gene Names	GAD65; GAD-65

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.

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Online datasheet: https://stage.aaabiotech.com/human-mouse-antibody/gad1-2/109674