

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

GAD1/2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA317218	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

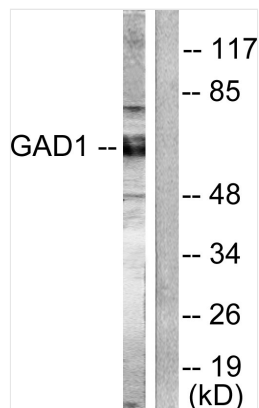
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

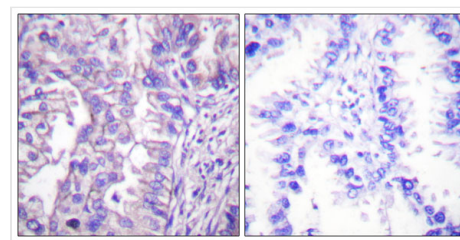
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	GAD1/2 Antibody detects endogenous levels of total GAD1/2 protein.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	425
Applicable Applications for anti-GAD1/2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human GAD1/2.
Immunogen Range	545-594
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from mouse brain, using GAD1/2 Antibody. The lane on the right is blocked with the synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using GAD1/2 Antibody. The picture on the right is blocked with the synthesized peptide.

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	66 kDa
NCBI Official Full Name	glutamate decarboxylase 1 isoform GAD67
NCBI Official Synonym Full Names	glutamate decarboxylase 1
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

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://www.aaabiotech.com/polyclonal/gad1-2-antibody-immunohistochemistry-western-blot-elisa/317218>