

Rabbit anti-Human, Mouse GAD / Glutamate Decarboxylase Polyclonal Antibody | anti-GAD antibody

Rabbit Polyclonal (IgG) to Human GAD / Glutamate Decarboxylase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51657	Rabbit	Human, Mouse	ELISA, Western Blot, Immunohistochemistry

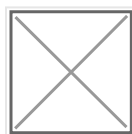
PRODUCT SYNONYMS

GAD / Glutamate Decarboxylase; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human GAD / Glutamate Decarboxylase; Anti-GAD / Glutamate Decarboxylase Antibody (aa545-594) IHC-plus; Glutamate Decarboxylase; Human GAD; anti-GAD antibody

PRODUCT SPECIFICATIONS

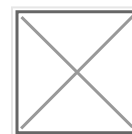
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GAD1/2 Antibody detects endogenous levels of total GAD1/2 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide, 50% glycerol
Concentration	1mg/mL (varies by lot)
Sequence Length	502
Applicable Applications for anti-GAD antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Immunogen Species	Human
Immunogen	GAD / Glutamate Decarboxylase antibody was raised against synthetic peptide from human GAD1/2. (AA Range: 545-594)
Epitope	aa545-594
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



WB (Western Blot)

Western blot of extracts from mouse brain cells, using GAD1/2 Antibody. The lane on the right is treated with the synthesized peptide.

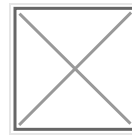


IHC (Immunohistochemistry)

Anti-Glutamate Decarboxylase antibody IHC of human brain cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

**IHC (Immunohiostchemistry)**

Anti-Glutamate Decarboxylase antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

**IHC (Immunohistochemistry)**

Anti-Glutamate Decarboxylase antibody IHC of human pancreas, islets of Langerhans. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	350537523
NCBI GeneID	544313
NCBI Accession #	NP_001234041.1
NCBI GenBank Nucleotide #	NM_001247112.1
NCBI Official Full Name	glutamate decarboxylase
NCBI Official Symbol	LOC544313
NCBI Official Synonym Symbols	GAD; LeGAD1
NCBI Protein Information	glutamate decarboxylase; ERT D1; glutamate decarboxylase isoform1
UniProt Protein Name	Glutamate decarboxylase
UniProt Gene Name	GAD
UniProt Synonym Gene Names	GAD
UniProt Entry Name	DCE_SOLLC

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/polyclonal/gad-glutamate-decarboxylase-antibody-western-blot-immunohistochemistry-elisa/51657>