

Rabbit Glutamate Decarboxylase 1 Polyclonal Antibody | anti-GAD1 antibody

Polyclonal Antibody to Glutamate Decarboxylase 1, Brain (GAD1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143865	Rabbit	Mouse, Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

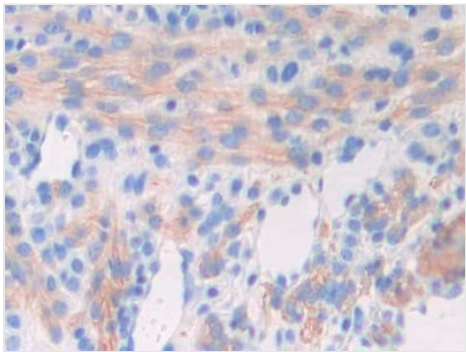
PRODUCT SYNONYMS

Glutamate Decarboxylase 1; Polyclonal Antibody; Polyclonal Antibody to Glutamate Decarboxylase 1; Brain (GAD1); anti-GAD1 antibody

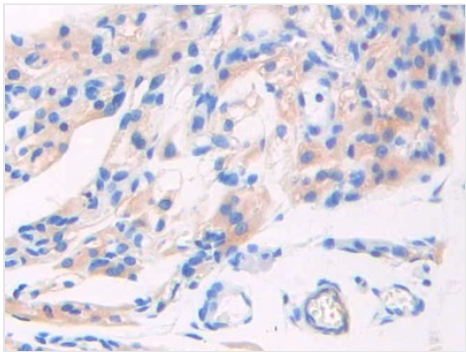
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GAD1. It has been selected for its ability to recognize GAD1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a woN-terminal tag, His-tag and GST-tag and its sequence is listed below. MSPI LGYWKIKGLV QPTRLLLEYL EEKYEELHYE RDEGDKWRNK KFEGLGFNP LPYYIDGDVK LTQSMAIRY IADKHNLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDR LCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAK FERQHMDSPD LGTLEVLFGQ PLGSEF-MAS STPSPATSSN AGADPNTTNL RPTTYDTWCG VAHGCTRKLG LKICGFLQRT NSLEEKSRV SAFRERQSSK NLLSCEN
Applicable Applications for anti-GAD1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GAD1 (Met1~Leu97)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Mouse
Conjugate	No Conjugate
Immunogen	Recombinant GAD1 (Met1~Leu97) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

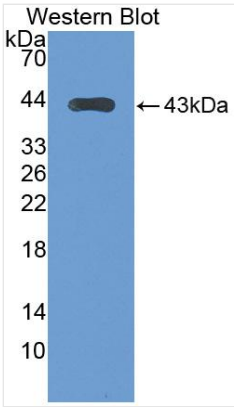
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Mouse Uterus Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded pancreas tissue



WB (Western Blot)
Western Blot; Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982847
NCBI GeneID	14415
NCBI Accession #	NP_032103.2
NCBI GenBank Nucleotide #	NM_008077.5
UniProt Accession #	P48318; O08685
Molecular Weight	66,648 Da
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	EP10; Gad-1
NCBI Protein Information	glutamate decarboxylase 1
UniProt Protein Name	Glutamate decarboxylase 1
UniProt Gene Name	Gad1
UniProt Synonym Gene Names	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.

