

Rabbit anti-Human Glutamate decarboxylase 1 Polyclonal Antibody | anti-GAD1 antibody

Rabbit anti-human Glutamate decarboxylase 1 polyclonal Antibody(GAD1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119184	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

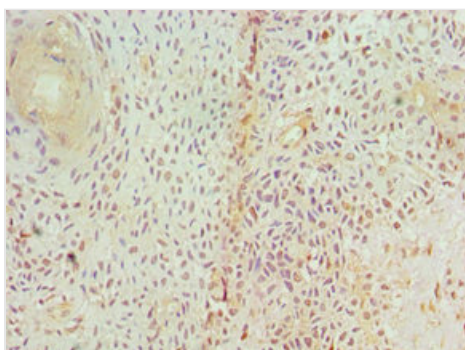
PRODUCT SYNONYMS

Glutamate decarboxylase 1; Polyclonal Antibody; Rabbit anti-human Glutamate decarboxylase 1 polyclonal Antibody(GAD1); 67 kDa glutamic acid decarboxylase; GAD-67; Glutamate decarboxylase 67 kDa isoform; GAD1; GAD; GAD67; anti-GAD1 antibody

PRODUCT SPECIFICATIONS

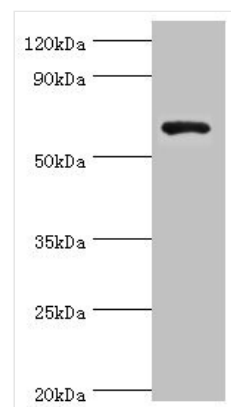
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	594
Applicable Applications for anti-GAD1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Glutamate decarboxylase 1 protein (1-200aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7512 / sc-7513 / sc-5602
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA119184 at dilution 1:100



WB (Western Blot)

All lanes: Glutamate decarboxylase 1 antibody at 8ug/ml+HepG2 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 67,26,48 kDaObserved band size: 67 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GAD1 antibody	Catalyzes the production of GABA.
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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	47,440 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	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
UniProt Entry Name	DCE1_HUMAN

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/glutamate-decarboxylase-1-antibody-immunohistochemistry-western-blot-elisa/119184>