

Datasheet for ABIN515895
anti-GAD antibody (AA 1-594)



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1 Image

Overview

Quantity:	100 µg
Target:	GAD (GAD1)
Binding Specificity:	AA 1-594
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human GAD1 protein.
Immunogen:	GAD1 (NP_000808.2, 1 a.a. ~ 594 a.a) full-length human protein.
Sequence:	MASSTPSSSA TSSNAGADPN TTNLRPTTYD TWCGVAHGCT RKLGLKICGF LQRTNSLEEK SRLVSAFKER QSSKNLLSCE NSDRDARFRR TETDFSNLFA RDLLPAKNGE EQTVQFLLEV VDILLNYVRK TFDRSTKVLD FHHPHQLLEG MEGFNLELSD HPESLEQILV DCRDTLKYGV RTGHPRFFNQ LSTGLDIIGL AGEWLTSTAN TNMFTYEIAP VFVLMEQITL KKMREIVGWS SKDGDGIFSP GGAISNMYSI MAARYKYFPE VKTKGMAAVP KLVLFITSEQS HYSIKKAGAA LGFGTDNVIL IKCNERGKII PADFEAKILE AKQKGYVPFY VNATAGTTVY GAFDPIQEIA DICEKYNLWL HVDAAWGGGL LMSRKHRHKL NGIERANSVT WNP HKMMGV LQCSAILVKE KGILQGCNQM CAGYLFQPK QYDVSYDTGD KAIQCGRHVD IFKFWLMWKA KGTVG FENQI NKCLELAEYL YAKIKNREEF EMVFNGEPEH TNVCFWYIPQ SLRGVPDSPQ RREKLHKVAP KIKALMMESG TTMVG YQPQG DKANFFRMVI SNPAATQSDI DFLIEEIERL GQDL

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

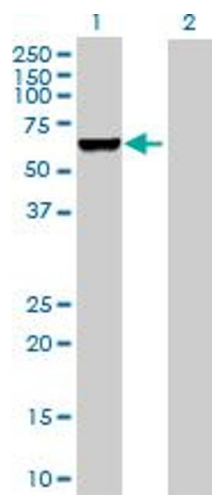
Target:	GAD (GAD1)
Alternative Name:	GAD1 (GAD1 Products)
Background:	Full Gene Name: glutamate decarboxylase 1 (brain, 67 kDa) Synonyms: FLJ45882,GAD,SCP
Gene ID:	2571
NCBI Accession:	NM_000817

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western Blot analysis of GAD1 expression in transfected 293T cell line by GAD1 MaxPab polyclonal antibody.

Lane 1: GAD1 transfected lysate(66.90 KDa).

Lane 2: Non-transfected lysate.