

Datasheet for ABIN950143
anti-GAD65 antibody (AA 1-585)



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2 Images

Overview

Quantity:	50 µg
Target:	GAD65 (GAD2)
Binding Specificity:	AA 1-585
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This GAD65 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human GAD2 protein.
Immunogen:	GAD2 (NP_000809.1, 1 a.a. ~ 585 a.a) full-length human protein.
Sequence:	MASPGSGFWS FGSEDGSGDS ENPGTARAWC QVAQKFTGGI GNKLCALLYG DAEKPAESGG SQPPRAAARK AACACDQKPC SCSKVDVNYA FLHATDLLPA CDGERPTLAF LQDVMNILLQ YVVKSFDRST KVIDFHYPNE LLQEYNWELA DQPQNLEEIL MHCQTTLKYA IKTGHPRYFN QLSTGLDMVG LAADWLTSTA NTNMFITYEIA PVFVLLEYVT LKKMREIIGW PGGSGDGIFS PGGAISNMYA MMIARFKMFP EVKEKGMAAL PRLIAFTSEH SHFSLKKGAA ALGIGTDSVI LIKCDERGKM IPSDLERRIL EAKQKGFVPF LVSATAGTTV YGAFDPLLAV ADICKKYKIW MHVDAAWGGG LLMSRKHKWK LSGVERANSV TWNPHKMMGV PLQCSALLVR EEGLMQNCNQ MHASYLQFQQD KHYDLSYDTG DKALQCGRHV DVFKLWLMWR AKGTTGFEAH VDKCLELAEY LYNIIKNREG YEMVFDGKPQ HTNVCFWYIP PSLRTLEDNE ERMSRLSKVA PVIKARMMMEY GTTMVSYQPL GDKVNFFRMV ISNPAATHQD IDFLIEEIER LGQDL

Product Details

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

Target Details

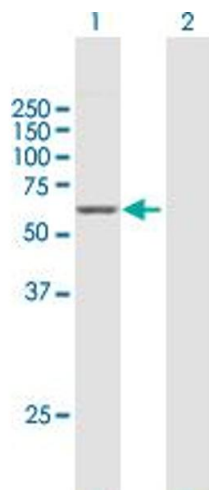
Target:	GAD65 (GAD2)
Alternative Name:	GAD2 (GAD2 Products)
Background:	Full Gene Name: glutamate decarboxylase 2 (pancreatic islets and brain, 65 kDa) Synonyms: GAD65,MGC161605,MGC161607
Gene ID:	2572
NCBI Accession:	NM_000818

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.

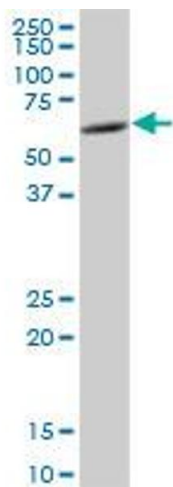


Western Blotting

Image 1. Western Blot analysis of GAD2 expression in transfected 293T cell line by GAD2 MaxPab polyclonal antibody.

Lane 1: GAD2 transfected lysate(64.35 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. GAD2 MaxPab polyclonal antibody. Western Blot analysis of GAD2 expression in rat brain.