

DATASHEET

GAD2 Mouse Monoclonal Antibody(C3420)

CAT. NO. AMA03032

KEY FEATURES

Target	GAD2	Source / Host	Mouse
Reactivity	Human, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.		Storage at-20°C

BACKGROUND

Catalyzes the production of GABA.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

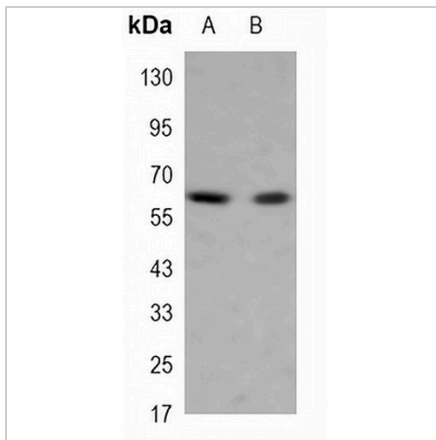
Description	Mouse monoclonal antibody to GAD2
Specificity	Recognizes endogenous levels of GAD2 protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant human GAD2 protein fragments expressed in E.coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 65 kD; Observed: 60 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	GAD65; Glutamate decarboxylase 2; 65 kDa glutamic acid decarboxylase; GAD-65; Glutamate decarboxylase 65 kDa isoform
Gene Symbol	GAD2
Entrez Gene	2572(Human); 24380(Rat)
SwissProt	Q05329(Human); Q05683(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of GAD2 expression in rat hippocampus (A), rat brain (B) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 60 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.