

DATASHEET

GATAD2B Rabbit Polyclonal Antibody

CAT. NO. APA14897

KEY FEATURES

Target	GATAD2B	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Transcriptional repressor . Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin . Enhances MBD2-mediated repression . Efficient repression requires the presence of GATAD2A . Targets MBD3 to discrete loci in the nucleus . May play a role in synapse development .

APPLICATION

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

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to GATAD2B
Specificity	Recognizes endogenous levels of GATAD2B protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human GATAD2B
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 65 kD; Observed: 80 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1150; Transcriptional repressor p66-beta; GATA zinc finger domain-containing protein 2B; p66/p68
Gene Symbol	GATAD2B
Entrez Gene	57459(Human); 229542(Mouse)
SwissProt	Q8WXI9(Human); Q8VHR5(Mouse)

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

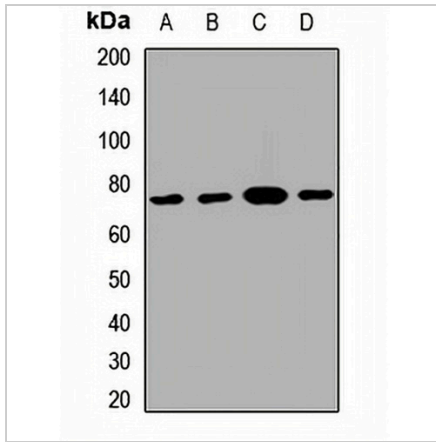
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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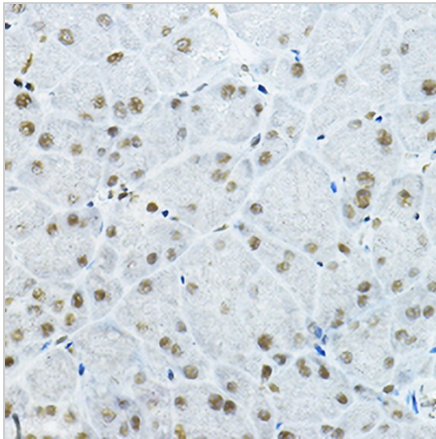
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DATA



Western blot analysis of GATAD2B expression in Hela (A), Jurkat (B), mouse brain (C), rat thymus (D) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 80 kD)



Immunohistochemical analysis of GATAD2B staining in mouse pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.