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GATAD2B Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14510a

Specification

GATAD2B Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q8WXI9
Other Accession	Q8VHR5, NP_065750.1
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**65261**
Antigen Region	**1-30**

GATAD2B Antibody (N-term) - Additional Information

Gene ID 57459

Other Names
Transcriptional repressor p66-beta, GATA zinc finger domain-containing protein 2B, p66/p68, GATAD2B, KIAA1150

Target/Specificity
This GATAD2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human GATAD2B.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
GATAD2B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GATAD2B Antibody (N-term) - Protein Information

Name GATAD2B

Synonyms KIAA1150

Function Transcriptional repressor (PubMed:12183469, PubMed:16415179). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:16428440, PubMed:28977666). Enhances MBD2-mediated repression (PubMed:12183469, PubMed:16415179). Efficient repression requires the presence of GATAD2A (PubMed:16415179). Targets MBD3 to discrete loci in the nucleus (PubMed:11756549). May play a role in synapse development (PubMed:23644463).

Cellular Location
Nucleus speckle. Nucleus. Chromosome Note=Speckled nuclear localization requires both CR1 and CR2 regions (PubMed:16415179). Localizes to sites of DNA damage (PubMed:27732854)

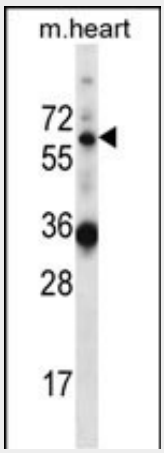
Tissue Location
Widely expressed..

GATAD2B Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GATAD2B Antibody (N-term) - Images



GATAD2B Antibody (N-term) (Cat. #AP14510a) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the GATAD2B antibody detected the GATAD2B protein (arrow).

GATAD2B Antibody (N-term) - Background

GATAD2B has transcriptional repressor activity. Targets MBD3 to discrete loci in the nucleus.

GATAD2B Antibody (N-term) - References

Ichikawa, S., et al. J. Bone Miner. Res. 23(10):1680-1688(2008)

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)
Brackertz, M., et al. Nucleic Acids Res. 34(2):397-406(2006)