

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

E~~Use at an assay dependent concentration.

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](#))

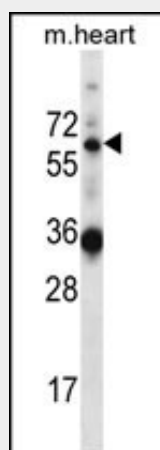
Tissue Location

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 Cytometry](#)
- [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)