

# GATAD2A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20258a

## Product Information

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|-------------------|-----------------------------|
| Application       | WB, E                       |
| Primary Accession | <a href="#">Q86YP4</a>      |
| Other Accession   | <a href="#">NP_060130.3</a> |
| Reactivity        | Human                       |
| Predicted         | Bovine, Canine, Rabbit      |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Clone Names       | RB42728                     |
| Calculated MW     | 68063                       |
| Antigen Region    | 1-30                        |

## Additional Information

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 54815                                                                                                                                                                        |
| Other Names        | Transcriptional repressor p66-alpha, Hp66alpha, GATA zinc finger domain-containing protein 2A, GATAD2A                                                                       |
| Target/Specificity | This GATAD2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human GATAD2A.      |
| 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        | GATAD2A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                  |

## Protein Information

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|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name     | GATAD2A                                                                                                                                                                             |
| Function | Transcriptional repressor (PubMed: <a href="#">12183469</a> , PubMed: <a href="#">16415179</a> ). 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 GATAD2B (PubMed:[16415179](#)).

#### Cellular Location

Nucleus speckle. Nucleus. Chromosome. Note=Speckled nuclear localization requires both CR1 and CR2 regions (PubMed:16415179). Localizes to sites of DNA damage in a manner partially dependent on ZMYND8 (PubMed:27732854).

#### Tissue Location

Ubiquitous, both in fetal and adult tissues.

## Background

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GATAD2A is a transcriptional repressor.

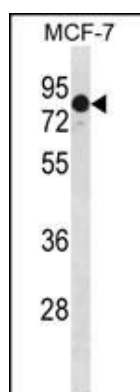
## References

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Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)  
Brackertz, M., et al. Nucleic Acids Res. 34(2):397-406(2006)  
Brackertz, M., et al. J. Biol. Chem. 277(43):40958-40966(2002)

## Images

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GATAD2A Antibody (N-term) (Cat. #AP20258a) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the GATAD2A antibody detected the GATAD2A protein (arrow).

## Citations

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- [Knockdown of GATAD2A suppresses cell proliferation in thyroid cancer in vitro.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.