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GATAD2A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20258a

Product Information

Application	WB, E
Primary Accession	Q86YP4
Other Accession	NP_060130.3
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

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

Name	GATAD2A
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 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.

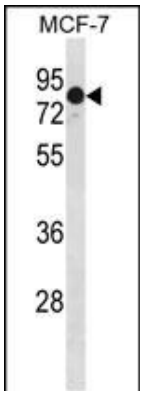
Background

GATAD2A is a transcriptional repressor.

References

Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010)
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



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

- 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'.