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GDA Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9710a

Product Information

Application	WB, FC, E
Primary Accession	Q9Y2T3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23974
Calculated MW	51003
Antigen Region	94-122

Additional Information

Gene ID	9615
Other Names	Guanine deaminase, Guanase, Guanine aminase, Guanine aminohydrolase, GAH, p51-nedasin, GDA, KIAA1258
Target/Specificity	This GDA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94-122 amino acids from the N-terminal region of human GDA.
Dilution	WB~~1:1000 FC~~1:10~50 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	GDA Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GDA (HGNC:4212)
Function	Catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia.

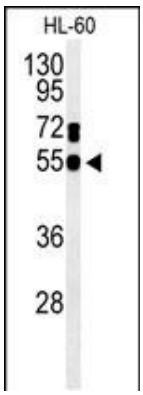
Background

GDA is an enzyme that catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia.

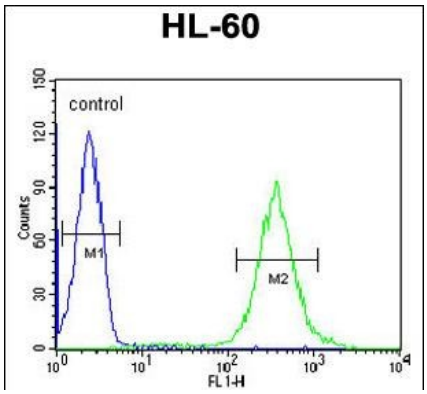
References

Akum, B.F., et al. Nat. Neurosci. 7(2):145-152(2004)
Kuwahara, H., et al. J. Biol. Chem. 274(45):32204-32214(1999)
Firestein, B.L., et al. Neuron 24(3):659-672(1999)

Images



Western blot analysis of GDA Antibody (N-term) (Cat. #AP9710a) in HL-60 cell line lysates (35ug/lane). GDA (arrow) was detected using the purified Pab.



GDA Antibody (N-term) (Cat. #AP9710a) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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