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GDA Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9710a

Specification

GDA Antibody (N-term) - Product Information

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

GDA Antibody (N-term) - 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

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.

GDA Antibody (N-term) - Protein Information

Name GDA (HGNC:4212)

Function Catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia.

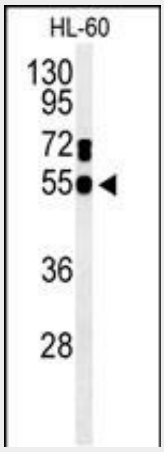
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GDA Antibody (N-term) - Protocols

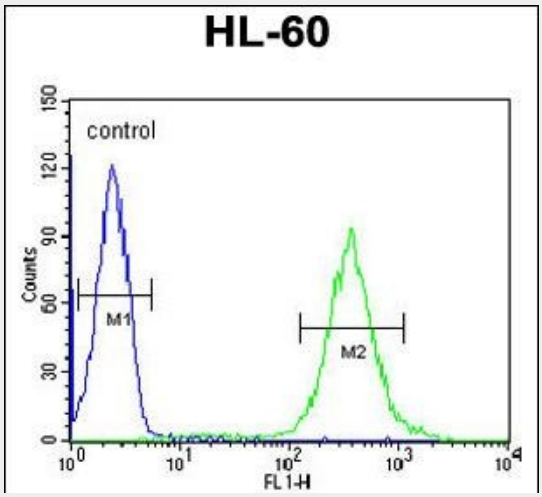
Provided below are standard protocols that you may find useful for product applications.

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

GDA Antibody (N-term) - 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.

GDA Antibody (N-term) - Background

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

GDA Antibody (N-term) - 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)