

GDA Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16952c**Specification**

GDA Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9Y2T3
Other Accession	NP_004284.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51003
Antigen Region	164-193

GDA Antibody (Center) - 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 164-193 amino acids from the Central region of human GDA.

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

GDA Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GDA Antibody (Center) - Protein Information**Name** GDA ([HGNC:4212](#))

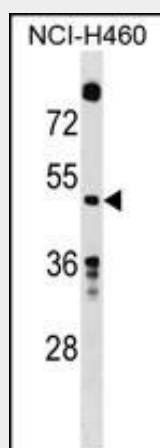
Function Catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia.

GDA Antibody (Center) - 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](#)

GDA Antibody (Center) - Images



GDA Antibody (Center) (Cat. #AP16952c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the GDA antibody detected the GDA protein (arrow).

GDA Antibody (Center) - Background

The protein encoded by this gene is an enzyme that catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia. It is also known as a cytosolic regulator of PSD-95 postsynaptic targeting.

GDA Antibody (Center) - References

Martins-de-Souza, D., et al. J Psychiatr Res 44(16):1176-1189(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Kubo, K., et al. J. Med. Invest. 53 (3-4), 264-270 (2006) :
Sannomiya, K., et al. J. Med. Invest. 53 (3-4), 246-254 (2006) :