

Rabbit anti-Human GDA Polyclonal Antibody | anti-GDA antibody

GDA Antibody (N-term)

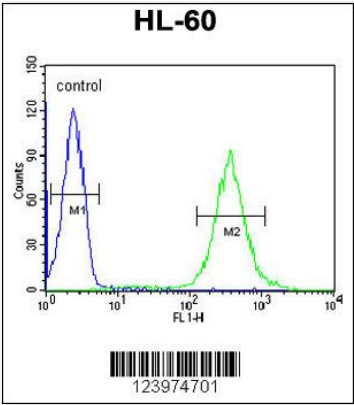
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287042	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

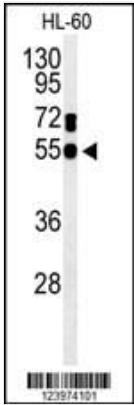
GDA; Polyclonal Antibody; GDA Antibody (N-term); Guanine deaminase; Guanase; Guanine aminase; Guanine aminohydrolase; GAH; p51-nedasin; KIAA1258; anti-GDA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	94-122
Sequence Length	471
Applicable Applications for anti-GDA antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GDA Antibody (N-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-GDA antibody	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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	335335014
NCBI GeneID	9615
NCBI Accession #	NP_001229434.1; NP_001229435.1; NP_001229436.1; NP_004284.1
NCBI GenBank Nucleotide #	NM_001242505.2
UniProt Accession #	Q9Y2T3; Q5SZC7; Q9H335; Q9ULG2; B4DTY5
Molecular Weight	51003
NCBI Official Full Name	guanine deaminase isoform a
NCBI Official Synonym Full Names	guanine deaminase
NCBI Official Symbol	GDA
NCBI Official Synonym Symbols	CYPIN; GUANASE; NEDASIN
NCBI Protein Information	guanine deaminase
UniProt Protein Name	Guanine deaminase
UniProt Gene Name	GDA
UniProt Synonym Gene Names	KIAA1258; Guanase; Guanine aminase; GAH
UniProt Entry Name	GUAD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.