



Rabbit Anti-Human GDA Polyclonal Antibody (CABT-L2239)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Guanine Deaminase (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against GDA. It has been selected for its ability to recognize GDA in immunohistochemical staining and western blotting.
Target	GDA
Immunogen	Recombinant fragment corresponding to human GDA (Met1~Val454)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Bovine
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes an enzyme responsible for the hydrolytic deamination of guanine. Studies in rat ortholog suggest this gene plays a role in microtubule assembly. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]
Keywords	CYPIN;Guanase;Guanine aminase;Guanine aminohydrolase;p51-nedasin

GENE INFORMATION

Gene Name	GDA guanine deaminase [Homo sapiens (human)]
Official Symbol	GDA
Synonyms	GDA; guanine deaminase; CYPIN; GUANASE; NEDASIN; GAH; p51-nedasin; guanine aminase; guanine aminohydrolase; cytoplasmic PSD95 interactor;
Entrez Gene ID	9615
Protein Refseq	NP_001229434
UniProt ID	Q9Y2T3
Chromosome Location	9q21.13
Pathway	Metabolic pathways; Metabolism; Metabolism of nucleotides; Purine catabolism; Purine metabolism; guanosine nucleotides degradation; guanosine nucleotides degradation III; purine nucleotides degradation;
Function	guanine deaminase activity; zinc ion binding;