

GDA/GDC Rabbit pAb

Catalog # AP96781

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9Y2T3
Other Accession	Q9Y2T3
Predicted	Rat, Human, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51003
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GDA
Epitope Specificity	21-120/454
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ATZ/TRZ family.
SUBUNIT	Homodimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	9615
Other Names	CYPIN; GAH; GUANASE; NEDASIN; GUAD_HUMAN; GDA; Guanine aminase; Guanine aminohydrolase (GAH); p51-nedasin; 3.5.4.3; KIAA1258; GUAD_MOUSE; GUAD_RAT; guanine deaminase; cytoplasmic PSD-95 interactor; guanine aminohydrolase
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GDA (HGNC:4212)
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Function

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

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