

ARG55077
anti-CDA antibodyPackage: 100 µl
Store at: -20°C**Summary**

Product Description	Rabbit Polyclonal antibody recognizes CDA
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CDA
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 118-146 (C-terminus) of Human CDA.
Conjugation	Un-conjugated
Alternate Names	CDD; Cytidine aminohydrolase; Cytidine deaminase; EC 3.5.4.5

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

Properties

Form	Liquid
Purification	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 72269 Mouse
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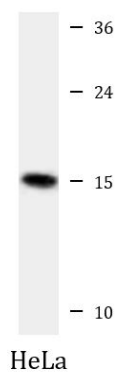
[GeneID: 978 Human](#)

[Swiss-port # P32320 Human](#)

[Swiss-port # P56389 Mouse](#)

Gene Symbol	CDA
Gene Full Name	cytidine deaminase
Background	This gene encodes an enzyme involved in pyrimidine salvaging. The encoded protein forms a homotetramer that catalyzes the irreversible hydrolytic deamination of cytidine and deoxycytidine to uridine and deoxyuridine, respectively. It is one of several deaminases responsible for maintaining the cellular pyrimidine pool. Mutations in this gene are associated with decreased sensitivity to the cytosine nucleoside analogue cytosine arabinoside used in the treatment of certain childhood leukemias. [provided by RefSeq, Jul 2008]
Function	This enzyme scavenges exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis. [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	16 kDa

Images



ARG55077 anti-CDA antibody WB image

Western blot: 20 µg of HeLa cell lysate stained with ARG55077 anti-CDA antibody at 1:1000 dilution.