

Rabbit anti-Human, mouse CDA Polyclonal Antibody | anti-CDA antibody

CDA Antibody (C-term)

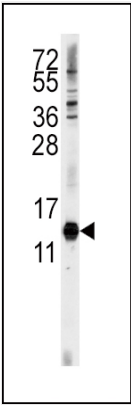
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285923	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

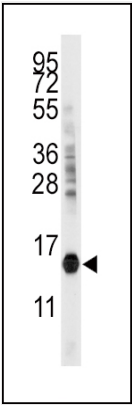
CDA; Polyclonal Antibody; CDA Antibody (C-term); Cytidine deaminase; Cytidine aminohydrolase; CDD; anti-CDA antibody

PRODUCT SPECIFICATIONS

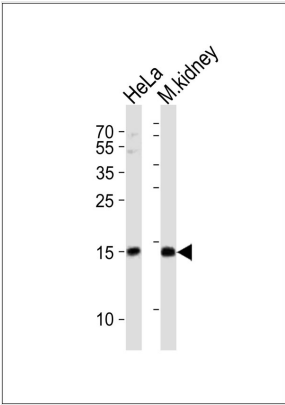
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 118-146 amino acids from the C-terminal region of human CDA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	118-146
Sequence Length	146
Applicable Applications for anti-CDA antibody	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.



WB (Western Blot)
Western blot analysis of anti-CDA Antibody (C-term) in HeLa cell line lysates (35ug/lane). CDA (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of anti-CDA Antibody (C-term) in mouse kidney tissue lysates (35ug/lane). CDA (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysates from HeLa cell line, mouse kidney tissue lysate (from left to right), using CDA Antibody (C-term). AAA285923 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-CDA antibody	CDA forms a homotetramer that catalyzes the irreversible hydrolytic deamination of cytidine and deoxycytidine to uridine and deoxyuridine, respectively. This protein is one of several deaminases responsible for maintaining the cellular pyrimidine pool. Mutations in the CDA gene are associated with decreased sensitivity to the cytosine nucleoside analogue cytosine arabinoside used in the treatment of certain childhood leukemias.
References	Laliberte J., Momparler R.L.Cancer Res. 54:5401-5407(1994) Demontis S., Terao M.Biochim. Biophys. Acta 1443:323-333(1998) Kuhn K., Bertling W.M., Emmrich F.Biochem. Biophys. Res. Commun. 190:1-7(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11386157
NCBI GeneID	978
NCBI Accession #	NP_001776.1
NCBI GenBank Nucleotide #	NM_001785.2
UniProt Accession #	P32320
Molecular Weight	16185

NCBI Official Full Name	cytidine deaminase
NCBI Official Synonym Full Names	cytidine deaminase
NCBI Official Symbol	CDA
NCBI Official Synonym Symbols	CDD
NCBI Protein Information	cytidine deaminase
UniProt Protein Name	Cytidine deaminase
UniProt Gene Name	CDA
UniProt Synonym Gene Names	CDD
UniProt Entry Name	CDD_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cda-antibody-western-blot-elisa/285923>