10320 Camino Santa Fe, Suite G
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CDA / Cytidine Deaminase Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17081

Specification

CDA / Cytidine Deaminase Antibody - Product Information

Application	**IHC, IF, WB**
Primary Accession	P32320
Other Accession	978
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**16185**

CDA / Cytidine Deaminase Antibody - Additional Information

Gene ID 978

Other Names
CDA, Cytidine aminohydrolase, Cytidine deaminase, Small cytidine deaminase, CDD, Cytosine nucleoside deaminase

Target/Specificity
Human CDA / Cytidine Deaminase

Reconstitution & Storage
PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions
CDA / Cytidine Deaminase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CDA / Cytidine Deaminase Antibody - Protein Information

Name CDA (HGNC:1712)

Synonyms CDD

Function
This enzyme scavenges exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.

Tissue Location
Highly expressed in granulocytes while expression is very low in fibroblasts, chondrocytes, monocytes, and T- as well as B-cell lines

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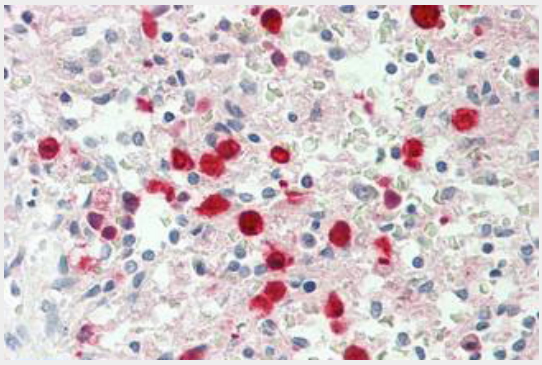
Volume
50 µl

CDA / Cytidine Deaminase Antibody - Protocols

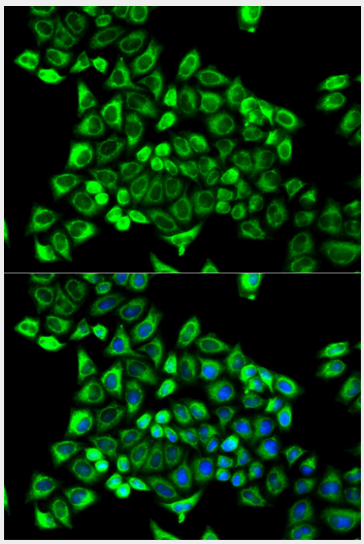
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CDA / Cytidine Deaminase Antibody - Images



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence analysis of MCF-7 cell using CDA antibody. Blue: DAPI for nuclear staining

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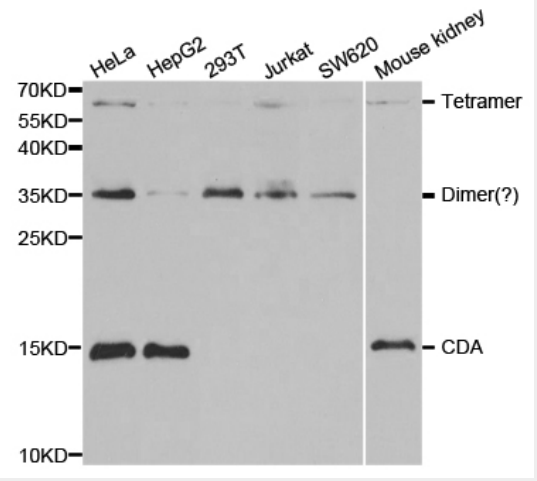

Western blot analysis of extracts of various cell lines, using CDA antibody.

CDA / Cytidine Deaminase Antibody - Background

This enzyme scavenges exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.

CDA / Cytidine Deaminase Antibody - References

Laliberte J.,et al.Cancer Res. 54:5401-5407(1994).
Demontis S.,et al.Biochim. Biophys. Acta 1443:323-333(1998).
Gran C.,et al.Blood 91:4127-4135(1998).
Gregory S.G.,et al.Nature 441:315-321(2006).
Kuhn K.,et al.Biochem. Biophys. Res. Commun. 190:1-7(1993).