

DNAxPAb

Hard-to-Find
Antibody

CDA DNAxPab

Catalog # H00000978-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CDA DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAQKRPACTLKPECVQQLLVCSQEAKQSAYCPYSHFPVGAALLTQEGRIFKGCNIENACYPLGIC AERTAIQKAVSEGYKDFRAIAIASDMQDDFISPCGACRQVMREFGTNWPVYMTKPDGTYVMTVQ ELLPSSFGPEDLQKTQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CDA

Entrez GeneID [978](#)**GeneBank Accession#** [BC054036](#)**Protein Accession#** [AAH54036](#)**Gene Name** CDA**Gene Alias** CDD**Gene Description** cytidine deaminase**Omim ID** [123920](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000002883|cytidine aminohydrolase|cytosine nucleoside deaminase|small cytidine deaminase

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Recurrence](#)
- [Stomach Neoplasms](#)