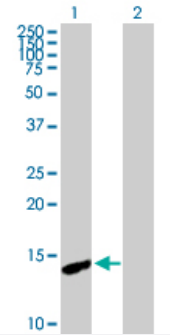
MaxPab®

CDA purified MaxPab mouse polyclonal antibody (B03P)

Catalog # H00000978-B03P Size 50 ug

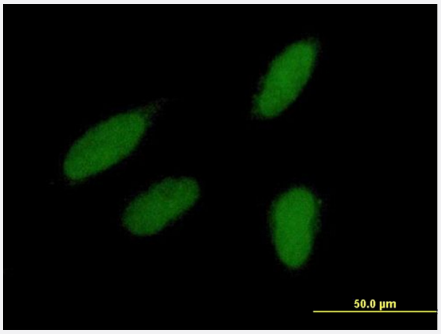
Applications



Western Blot (Transfected lysate)

Western Blot analysis of CDA expression in transfected 293T cell line (H00000978-T05) by CDA MaxPab polyclonal antibody.

Lane 1: CDA transfected lysate(16.17 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDA on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDA protein.
Immunogen	CDA (AAH54036, 1 a.a. ~ 146 a.a) full-length human protein.
Sequence	MAQKRPACTLKPECVQQLLVCSQEAKQSAYCPYSHFPVGAALLTQEGRIFKGCNIENACYPLGIC AERTAIQKAVSEGYKDFRAIAIASDMQDDFISPCGACRQVMREFGTNWPVYMTKPDGTYIVMTVQ ELLPSSFGPEDLQKTQ
Host	Mouse
Reactivity	Human

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.

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- Western Blot (Transfected lysate)

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  Protocol Download

- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to CDA on HeLa cell. [antibody concentration 10 ug/ml]

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 ho motetramer that catalyzes the irreversible hydrolytic deamination of cytidine and deoxycytidine to uridine and deoxyuridine, respectively. It is one of several deaminases responsible for maintainin g the cellular pyrimidine pool. Mutations in this gene are associated with decreased sensitivity to t he cytosine nucleoside analogue cytosine arabinoside used in the treatment of certain childhood l eukemias. [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