

## Description

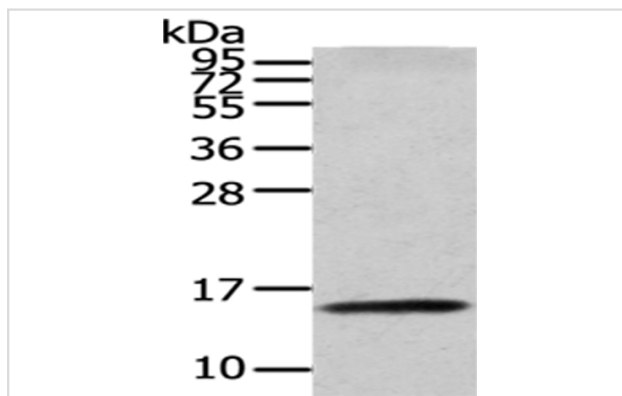
Product Name	CDA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CDA protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human CDA
Target Name	CDA
Other Names	CDD
Accession No.	Swiss-Prot#: P32320Gene ID: 978
Uniprot	P32320
GeneID	978;
Calculated MW	16kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 12%SDS-PAGE

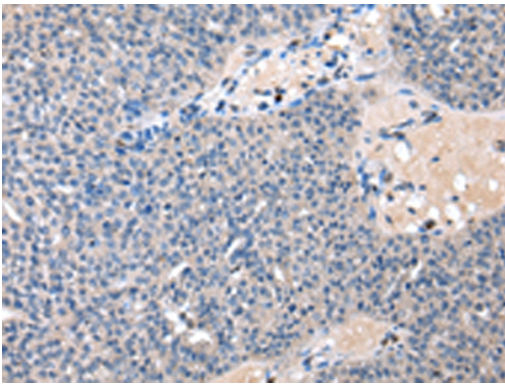
Lysate: 40 µg

Lane: PC3 cell

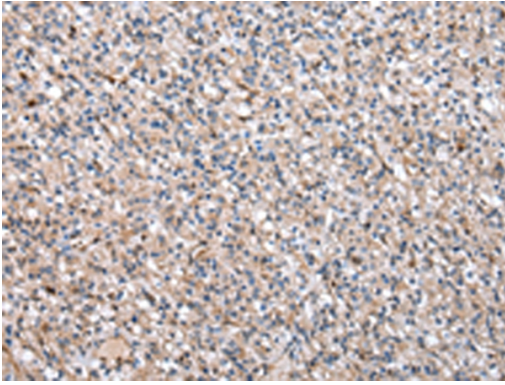
Primary antibody: 1/400 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #43016 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #43016 at dilution 1/20.

## 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.?

Note: This product is for in vitro research use only