

Product datasheet for **TA369931S**

CDA Rabbit Polyclonal Antibody

Product data:

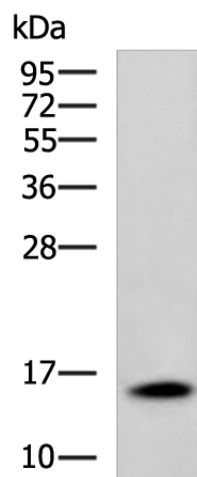
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: LO2 cell lysate IHC: 100-300 Positive control: Human breast cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CDA
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	16 kDa
Gene Name:	cytidine deaminase
Database Link:	Entrez Gene 978 Human P32320

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.

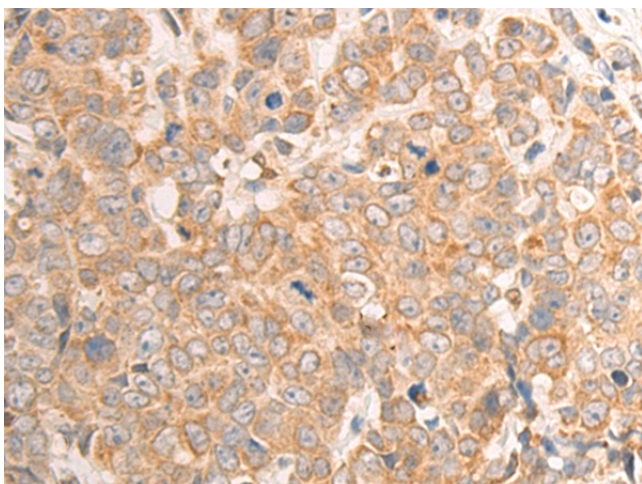
Synonyms: CDD



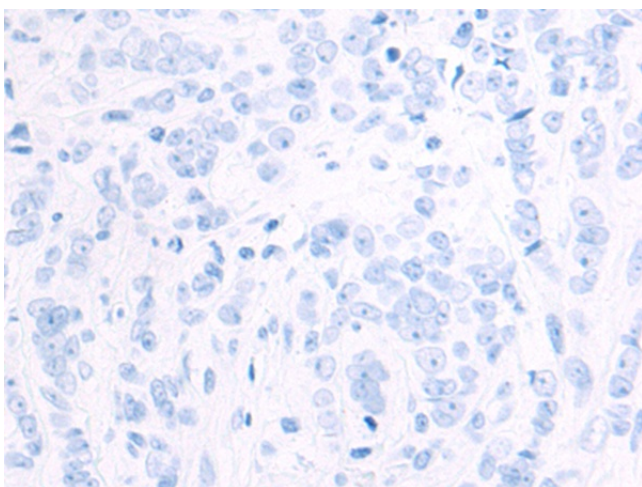
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Product images:

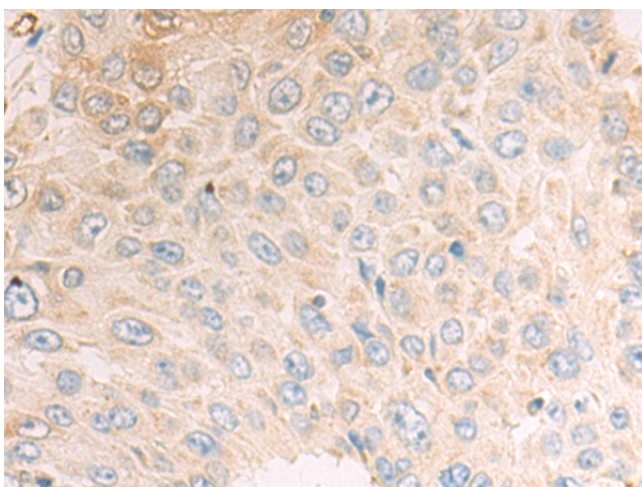
Gel: 12%SDS-PAGE
Lysate: 40 μ g
Lane: LO2 cell lysate
Primary antibody: [TA369931] (CDA Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 10 seconds



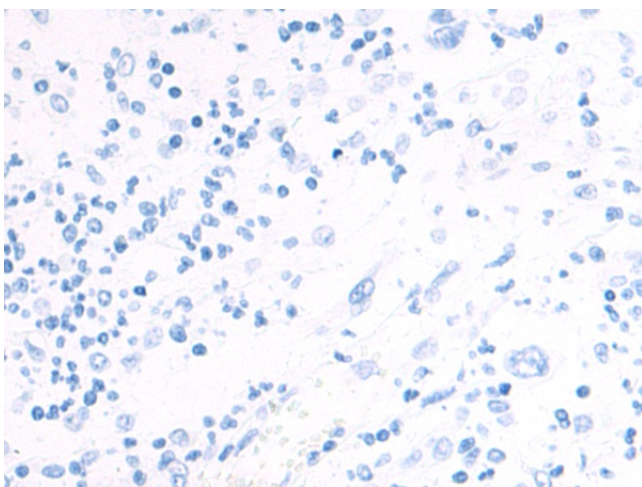
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA369931] (CDA Antibody) at dilution 1/100 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA369931] (CDA Antibody) at dilution 1/100, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA369931] (CDA Antibody) at dilution 1/100 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA369931] (CDA Antibody) at dilution 1/100, treated with fusion protein. (Original magnification: ×200)