

For Research Use Only

# CDADC1 Polyclonal antibody

Catalog Number: 28169-1-AP



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>28169-1-AP                          | <b>GenBank Accession Number:</b><br>BC125202                         | <b>Purification Method:</b><br>Antigen affinity purification      |
| <b>Size:</b><br>150ul , Concentration: 800 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>81602                                       | <b>Recommended Dilutions:</b><br>IHC 1:50-1:500<br>IF 1:200-1:800 |
| <b>Source:</b><br>Rabbit                                      | <b>Full Name:</b><br>cytidine and dCMP deaminase domain containing 1 |   |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>514 aa, 58 kDa                              |   |
| <b>Immunogen Catalog Number:</b><br>AG27374                   |  |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IF, IHC, ELISA  | <b>Positive Controls:</b><br>IHC : human testis tissue, mouse testis tissue<br>IF : Saos-2 cells, |
| <b>Species Specificity:</b><br>Human, mouse  |   |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |   |

## Background Information

CDADC1 (cytidine and dCMP deaminase domain containing 1) catalyzes the deamination of cytidine and deoxycytidine into uridine and deoxyuridine, respectively, and may play an important role in testicular development and spermatogenesis (PMID: 26945630, 16955368).

## Storage

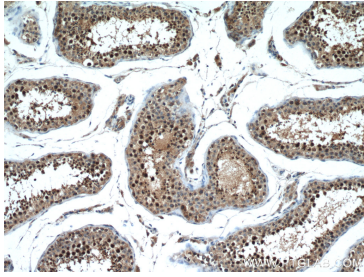
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

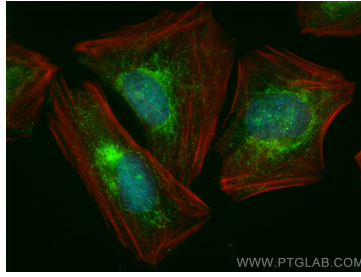
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 28169-1-AP (CDADC1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Saos-2 cells using CDADC1 antibody (28169-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).