## For Research Use Only

## CDADC1 Polyclonal antibody

Catalog Number: 28169-1-AP



**Purification Method:** 

IHC 1:50-1:500 IF/ICC 1:200-1:800

Positive Controls:

IF/ICC: Saos-2 cells,

Antigen affinity purification

Recommended Dilutions:

**Basic Information** 

Catalog Number: GenBank Accession Number:

28169-1-AP BC125202 GeneID (NCBI): Size: 150ul, Concentration: 800 ug/ml by 81602

Nanodrop; **UNIPROT ID:** Q9BWV3 Rabbit Full Name:

Isotype: cytidine and dCMP deaminase domain containing 1 IgG

Immunogen Catalog Number: Calculated MW: 514 aa, 58 kDa AG27374

**Applications** 

**Tested Applications:** 

IHC, IF/ICC, ELISA IHC: human testis tissue, mouse testis tissue

Species Specificity: Human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

**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

Store at -20°C. Stable for one year after shipment.

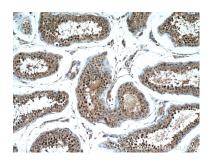
Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

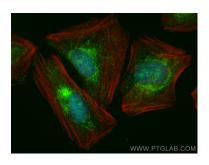
Aliquoting is unnecessary for -20°C storage

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

## Selected Validation Data



Immunohistochemical analysis of paraffinembedded 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 Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).