

For Research Use Only

# CORO2A Polyclonal antibody

Catalog Number: 10119-1-AP

Featured Product



## Basic Information

### Catalog Number:

10119-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0164

### GenBank Accession Number:

BC000010

### GeneID (NCBI):

7464

### UNIPROT ID:

Q92828

### Full Name:

coronin, actin binding protein, 2A

### Calculated MW:

60 kDa

### Observed MW:

48 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### 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**

### Positive Controls:

WB : HL-60 cells, Jurkat cells, Raji cells

IHC : human skin cancer tissue, mouse small intestine tissue

## Background Information

CORO2A (Coronin 2A), also named as CLIPINB, is a member of the 'short' coronin subfamily containing a single WD40-repeat domain. It has been shown that the expression of CORO2A is up-regulated in human colon cancer. CORO2A can interact with MAPK14 and PRMT5. The calculated MW of CORO2A is 60 kDa, while 10119-1-AP antibody detects 48 kDa protein which is similar to the paper published. (PMID: 26373535)

## 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

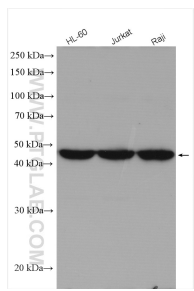
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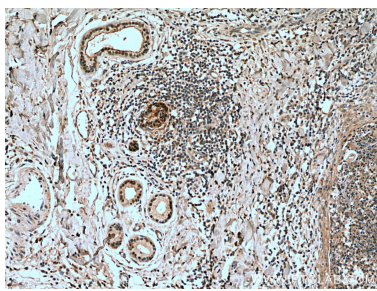
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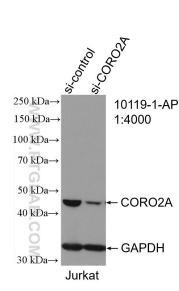
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10119-1-AP (CORO2A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 10119-1-AP (CORO2A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of CORO2A antibody (10119-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CORO2A transfected Jurkat cells.