

For Research Use Only

# CORO2A Polyclonal antibody

Catalog Number: 28883-1-AP

Featured Product



## Basic Information

**Catalog Number:**

28883-1-AP

**Size:**

150ul, Concentration: 700 µg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG29696

**GenBank Accession Number:**

BC000010

**GeneID (NCBI):**

7464

**Full Name:**

coronin, actin binding protein, 2A

**Calculated MW:**

60 kDa

**Observed MW:**

48 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Species Specificity:**

Human

**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: 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 28883-1-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

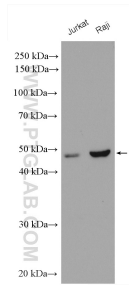
For technical support and original validation data for this product please contact:

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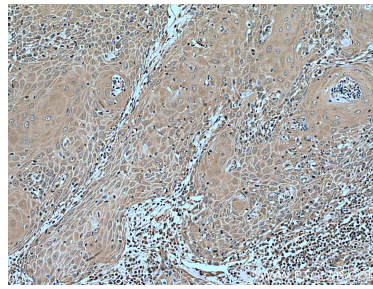
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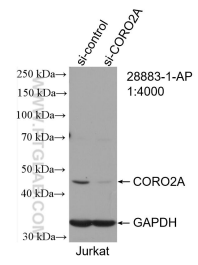
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28883-1-AP (CORO2A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 28883-1-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 (28883-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CORO2A transfected Jurkat cells.