For Research Use Only

CORO2A Polyclonal antibody

Catalog Number: 28883-1-AP

Featured Product



Basic Information

Catalog Number: GenBank Accession Number: 28883-1-AP BC000010 GeneID (NCBI): Size: 700 µg/ml 7464 **UNIPROT ID:** Source: Rabbit Q92828 Isotype:

Calculated MW: Immunogen Catalog Number: AG29696 60 kDa

> Observed MW: 48 kDa

Full Name: coronin, actin binding protein, 2A

Applications

Tested Applications: IHC, WB, 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: Jurkat cells, Raji cells

IHC: human skin cancer tissue, mouse small intestine

Purification Method:

WB 1:500-1:2000 IHC 1:50-1:500

Antigen affinity purification

Recommended Dilutions:

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:

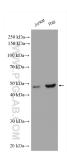
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

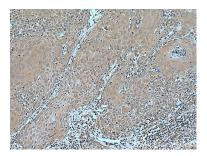
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

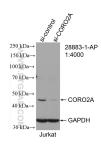
Selected Validation Data



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 paraffinembedded 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.