

For Research Use Only

# APOBEC3C Polyclonal antibody

Catalog Number: 10591-1-AP

Featured Product

11 Publications



## Basic Information

### Catalog Number:

10591-1-AP

### Size:

350 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0886

### GenBank Accession Number:

BC011739

### GeneID (NCBI):

27350

### UNIPROT ID:

Q9NRW3

### Full Name:

apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C

### Calculated MW:

23 kDa

### Observed MW:

23 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:600-1:2400

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human

### Cited Species:

human, mouse

### Positive Controls:

**WB** : Caco-2 cells, HEK-293 cells, K-562 cells, SW480 cells

**IHC** : human ovary cancer tissue, human ovary tumor tissue

**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

APOBEC3C (apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C) is also named as APOBEC1L, PBI and belongs to the cytidine and deoxycytidylate deaminase family. APOBEC3C is related to APOBEC1, a cytidine deaminase responsible for cytidine-to-uridine editing of apolipoprotein B (APOB)mRNA. It can form a dimer (PMID:19074429).

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhaolong Li	30247716	Nucleic Acids Res	WB
Yunzhen Qian	35750693	Oncogenesis	IHC
Noémie Lejeune	33853956	J Virol	WB

## 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:

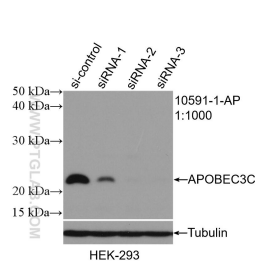
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

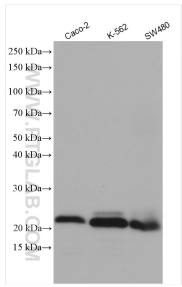
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

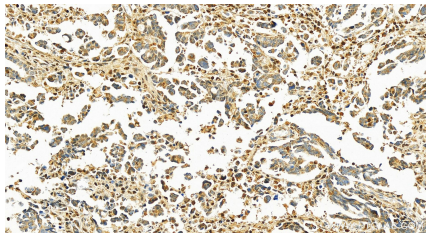
Selected Validation Data



WB result of APOBEC3C antibody (10591-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-APOBEC3C transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 10591-1-AP (APOBEC3C antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 10591-1-AP (APOBEC3C antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).