

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:

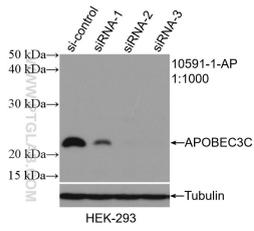
T: 4006900926

E: Proteintech-CN@ptglab.com

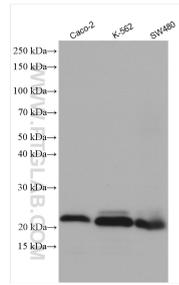
W: ptgcn.com

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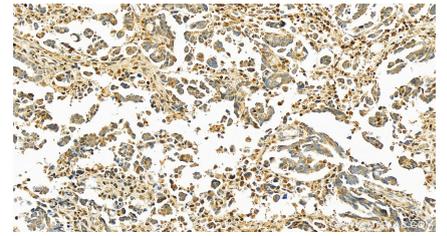
## Selected Validation Data



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).