

For Research Use Only

# APOBEC3C Polyclonal antibody

Catalog Number: 10591-1-AP

Featured Product

10 Publications



## Basic Information

<b>Catalog Number:</b> 10591-1-AP	<b>GenBank Accession Number:</b> BC011739	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 27350	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:100-1:400
<b>Source:</b> Rabbit	<b>Full Name:</b> apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 23 kDa	
<b>Immunogen Catalog Number:</b> AG0886	<b>Observed MW:</b> 23 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, IHC, WB	<b>WB :</b> Caco-2 cells, HEK-293 cells, K-562 cells, SW480 cells
<b>Species Specificity:</b> human	<b>IHC :</b> human ovary tumor tissue,
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

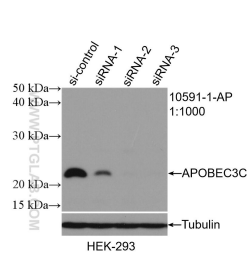
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

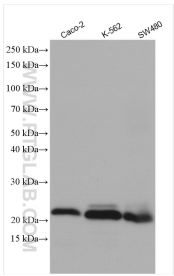
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

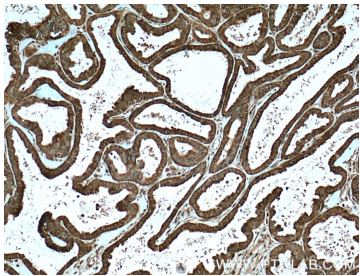
Selected Validation Data



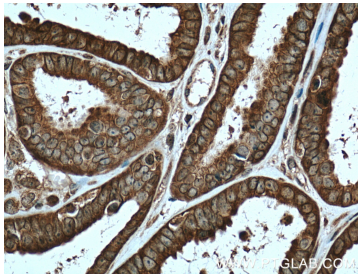
WB result of APOBEC3C antibody (10591-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-APOBEC3C transfected HEK-293 cells.



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 ovary tumor tissue slide using 10591-1-AP (APOBEC3C Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10591-1-AP (APOBEC3C Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).