

For Research Use Only

APOBEC3C Polyclonal antibody

Catalog Number: 10591-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

10591-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

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

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

IHC: human ovary cancer tissue, human ovary tumor tissue

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

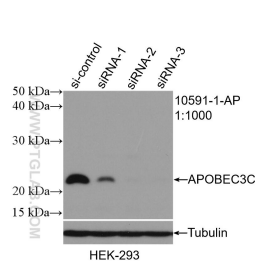
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

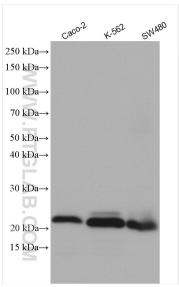
E: proteintech@ptglab.com
W: ptglab.com

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 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).