

For Research Use Only

APOBEC3B Polyclonal antibody

Catalog Number: 14559-1-AP **4 Publications**



Basic Information

Catalog Number:

14559-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6115

GenBank Accession Number:

BC053859

GeneID (NCBI):

9582

UNIPROT ID:

Q9UH17

Full Name:

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

Calculated MW:

46 kDa

Observed MW:

46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IP, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, HepG2 cells

Background Information

The DNA cytosine deaminase APOBEC3B was identified recently as a source of DNA damage and mutagenesis in breast, head/neck, cervix, bladder, lung, ovary, and to lesser extents additional cancer types. This enzyme is also an effector protein in the innate immune response to virus infection. APOBEC3B has 3 isoforms produced by alternative splicing with the MW of 46, 29, 43 kDa. It can also exist as a dimer and can interact with APOBEC3G.

Notable Publications

Author	Pubmed ID	Journal	Application
Hao Zhang	33842328	Front Oncol	IHC
Qiong Fan	33631046	Mol Carcinog	IHC, WB, IP
Xia Yin	31862729	J Med Genet	IHC

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:

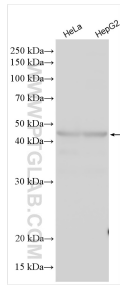
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14559-1-AP (APOBEC3B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.