

APOBEC3A Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00525
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human APOBEC3A. AA range:27-76
Mol wt	23012
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	APOBEC3A Antibody
Synonyms	APOBEC3A; Probable DNA dC->dU-editing enzyme APOBEC-3A; Phorbolin-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

APOBEC3A is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. The protein encoded by this gene lacks the zinc binding activity of other family members. The protein plays a role in immunity, by restricting transmission of foreign DNA such as viruses. One mechanism of foreign DNA restriction is deamination of foreign double-stranded DNA cytidines to uridines, which leads to DNA degradation. However, other mechanisms are also thought to be involved, as anti-viral effect is not dependent on deaminase activity. Two transcript variants encoding different isoforms have been found for this gene.

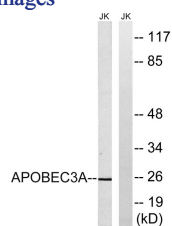
Recommended Dilution

WB: 1: 500 - 1: 2000

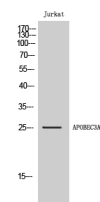
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, using APOBEC3A Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of Jurkat cells using APOBEC3A Polyclonal Antibody

Storage

-20°C for one year

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