

## APOBEC3G Polyclonal Antibody

<b>Catalog No.</b>	A13598	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB, IHC, IF	<b>Observed MW</b>	
<b>Cross-reactivity</b>	Human, Mouse, Rat	<b>Calculated MW</b>	9kDa/46kDa

### Immunogen Information

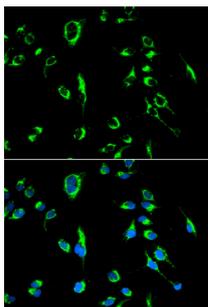
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 60-330 of human APOBEC3G (NP_068594.1).
<b>Gene ID</b>	60489
<b>Swiss prot</b>	Q9HC16
<b>Synonyms</b>	APOBEC3G; A3G; ARCD; ARP-9; ARP9; CEM-15; CEM15; MDS019; bK150C2.7; dJ494G10.1; DNA dC->dU-editing enzyme APOBEC-3G

### Product information

<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Background

This gene 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 catalyzes site-specific deamination of both RNA and single-stranded DNA. The encoded protein has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity.



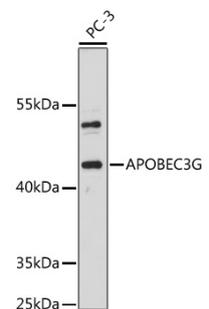
Immunofluorescence - APOBEC3G Polyclonal Antibody (A13598)

### Recommended Dilutions

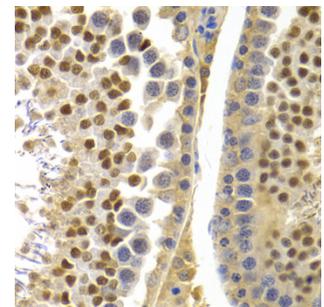
WB 1:500 -  
1:2000

IHC 1:50 -  
1:200

IF 1:50 -  
1:200



Western blot - APOBEC3G Polyclonal Antibody (A13598)



Immunohistochemistry - APOBEC3G Polyclonal Antibody (A13598)