

APOBEC3G Polyclonal Antibody

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

Immunogen Information

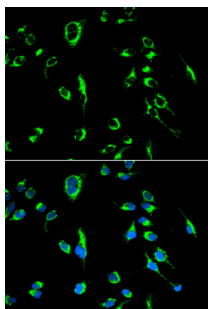
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 60-330 of human APOBEC3G (NP_068594.1).
Gene ID	60489
Swiss prot	Q9HC16
Synonyms	APOBEC3G; A3G; ARCD; ARP-9; ARP9; CEM-15; CEM15; MDS019; bK150C2.7; dJ494G10.1; DNA dC->dU-e diting enzyme APOBEC-3G

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	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.



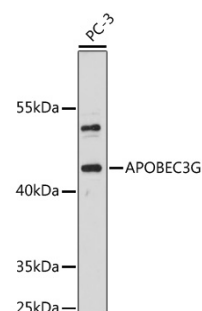
Immunofluorescence - APOBEC3G Polyclonal Antibody (A13598)

Recommended Dilutions

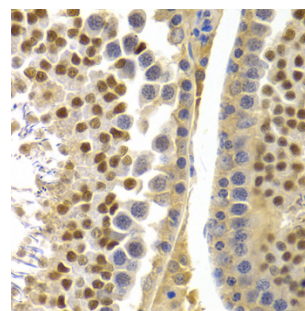
WB 1:500 -
1:2000

IHC 1:50 -
1:200

IF 1:50 -
1:200



Western blot - APOBEC3G Polyclonal Antibody (A13598)



Immunohistochemistry - APOBEC3G Polyclonal Antibody (A13598)