

## APOBEC3G

**Reactivity:** Human Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 46kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human APOBEC3G

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ARCD; ARP9; ARP-9; CEM15; CEM-15; MDS019; bK150C2.7; dJ494G10.1;

**Catalog #:** A1459

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 60489

**Isotype:** IgG

**Swiss Prot:** Q9HC16

**Purity:** Affinity purification

For research use only.

**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. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control. The protein encoded by this gene has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity.

[provided by RefSeq, Jul 2008]

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