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Anti-Human APOBEC3A Polyclonal Antibody

多克隆抗体

产品货号: PA02062

第三版

**描述:** 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 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. APOBEC3A (Apolipoprotein B MRNA Editing Enzyme Catalytic Subunit 3A) is a Protein Coding gene. Among its related pathways are mRNA Editing- C to U Conversion and Gene Expression. GO annotations related to this gene include hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amidines and deoxycytidine deaminase activity. An important paralog of this gene is APOBEC3B.

**抗原:** Synthesized peptide derived from the Internal region of human APOBEC3A

**配方:**

**如何使用:** 加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:** PBS (pH7.4) , 1% BSA

**应用:** WB 1 ~ 5  $\mu$ g/ml.

**特异性:** Expressed in peripheral leukocytes and keratinocytes.