



APOBEC3A Polyclonal Antibody

Cat No: HR1AP6210

For research use only

Overview

Product Name	APOBEC3A Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	26kDa
GenelD?Human?	APOBEC3A
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	APOBEC3A; Probable DNA dC->dU-editing enzyme APOBEC-3A; Phorbolin-1
Background	apolipoprotein B mRNA editing enzyme catalytic subunit 3A(APOBEC3A) Homo sapiens 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. [provided by]