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Datasheet for ABIN6137002
anti-APOBEC3A antibody (AA 1-199)

Overview

Quantity:	100 µL
Target:	APOBEC3A
Binding Specificity:	AA 1-199
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOBEC3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-199 of human APOBEC3A (NP_663745.1).
Sequence:	MEASPASGPR HLMDPHIFTS NFNNGIGRHK TYLCYEVERL DNGTSVKMDQ HRGFLHNQAK NLLCGFYGRH AELRFLDLVP SLQLDPAQIY RVTWFIWSP CFSWGCAGEV RAFLQENTHV RLRIFAARIY DYDPLYKEAL QMLRDAGAQV SIMTYDEFKH CWDTFVDHQG CPFQPWDGLD EHSQALSGRL RAILQNQGN
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	APOBEC3A
Alternative Name:	APOBEC3A (APOBEC3A Products)
Background:	<p>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,A3A,ARP3,PHRBN,bK150C2.1,Epigenetics & Nuclear Signaling,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,APOBEC3A</p>
Molecular Weight:	21 kDa/23 kDa
Gene ID:	200315
UniProt:	P31941

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.