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Datasheet for ABIN6137004  
**anti-APOBEC3B antibody (AA 1-180)**

1 Image

Overview

Quantity:	100 µL
Target:	APOBEC3B
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOBEC3B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human APOBEC3B (NP_004891.4).
Sequence:	MNPQIRNPME RMYRDTFYDN FENEPILYGR SYTWLCYEVK IKRGRSNLLW DTGVFRGQVY FKPQYHAEMC FLSWFCGNQL PAYKCFQITW FVSWTPCPDC VAKLAEFLSE HPNVTLTISA ARLYYYWERD YRRALCRLSQ AGARVKIMDY EEFAYCWENF VYNEGQQFMP WYKFDENYAF
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	APOBEC3B
Alternative Name:	APOBEC3B ( <a href="#">APOBEC3B Products</a> )
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. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control. A hybrid gene results from the deletion of approximately 29.5 kb of sequence between this gene, APOBEC3B, and the adjacent gene APOBEC3A. The breakpoints of the deletion are within the two genes, so the deletion allele is predicted to have the promoter and coding region of APOBEC3A, but the 3' UTR of APOBEC3B. Two transcript variants encoding different isoforms have been found for this gene.,APOBEC3B,A3B,APOBEC1L,ARCD3,ARP4,DJ742C19.2,PHRBNL,bK150C2.2,Epigenetics &amp; Nuclear Signaling,Immunology &amp; Inflammation,APOBEC3B</p>
Molecular Weight:	29 kDa/43 kDa/45 kDa
Gene ID:	9582
UniProt:	<a href="#">Q9UH17</a>

## Application Details

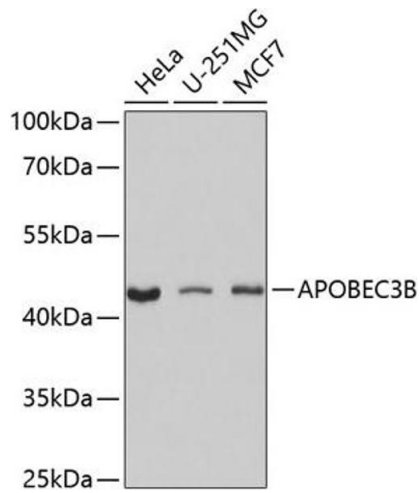
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Application Notes:	WB,1:200 - 1:1000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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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.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using B antibody (ABIN6129928, ABIN6137004, ABIN6137005 and ABIN6224859) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.