

Datasheet for ABIN6259985  
**anti-APOBEC3A/B antibody**



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1 Image

## Overview

Quantity:	100 µL
Target:	APOBEC3A/B (APOBEC3A_B)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOBEC3A/B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	A synthesized peptide derived from human APOBEC3A/B
Isotype:	IgG
Specificity:	APOBEC3A/B Antibody detects endogenous levels of total APOBEC3A/B
Cross-Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	APOBEC3A/B (APOBEC3A_B)
Alternative Name:	APOBEC3A/B ( <a href="#">APOBEC3A_B Products</a> )
Background:	Description: DNA deaminase (cytidine deaminase) with restriction activity against viruses,

## Target Details

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foreign DNA and mobility of retrotransposons. Exhibits antiviral activity against adeno-associated virus (AAV) and human T-cell leukemia virus type 1 (HTLV-1) and may inhibit the mobility of LTR and non-LTR retrotransposons. Selectively targets single-stranded DNA and can deaminate both methylcytosine and cytosine in foreign DNA. Can induce somatic hypermutation in the nuclear and mitochondrial DNA. May also play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.

Gene: APOBEC3A

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Molecular Weight: 23 kDa,46 kDa

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Gene ID: 100, 913, 187

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UniProt: [P31941](#), [Q9UH17](#)

## Application Details

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Application Notes: WB 1:1000-3000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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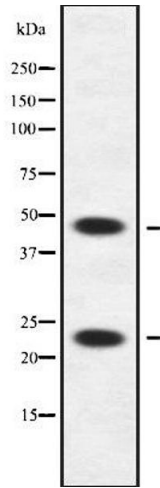
Storage: -20 °C

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Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

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Expiry Date: 12 months



### Western Blotting

**Image 1.** Western blot analysis of APOBEC3A/B using HuvEc whole cell lysates