



[Go to Product page](#)

Datasheet for ABIN7150147
anti-APOBEC3A antibody (AA 1-199) (Biotin)

Overview

Quantity:	100 µg
Target:	APOBEC3A
Binding Specificity:	AA 1-199
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOBEC3A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human DNA dC->dU-editing enzyme APOBEC-3A protein (1-199AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	APOBEC3A
Alternative Name:	APOBEC3A (APOBEC3A Products)
Background:	Background: DNA deaminase (cytidine deaminase) with restriction activity against viruses, foreign DNA and mobility of retrotransposons. Exhibits antiviral activity against adeno-

Target Details

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.

Aliases: A3A antibody, ABC3A_HUMAN antibody, APOBEC3A antibody, Apolipoprotein B mRNA editing enzyme antibody, Apolipoprotein B mRNA editing enzyme, catalytic polypeptide like 3A antibody, ARP3 antibody, bK150C2.1 antibody, Catalytic polypeptide like 3A antibody, Phorbolin 1 antibody, Phorbolin-1 antibody, PHRBN antibody, Probable DNA dC >dU editing enzyme APOBEC-3A antibody, Probable DNA dC->dU-editing enzyme APOBEC-3A antibody

UniProt: [P31941](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.