Datasheet for ABIN7145910

anti-APOBEC1 antibody (AA 1-172)

1 Image

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Overview

Quantity:	100 µg
Target:	APOBEC1
Binding Specificity:	AA 1-172
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOBEC1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human C->U-editing enzyme APOBEC-1 protein (1-172AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	APOBEC1
Alternative Name:	APOBEC1 (APOBEC1 Products)
Background:	Background: Catalytic component of the apolipoprotein B mRNA editing enzyme complex which is responsible for the postranscriptional editing of a CAA codon for Gln to a UAA codon

Target Details

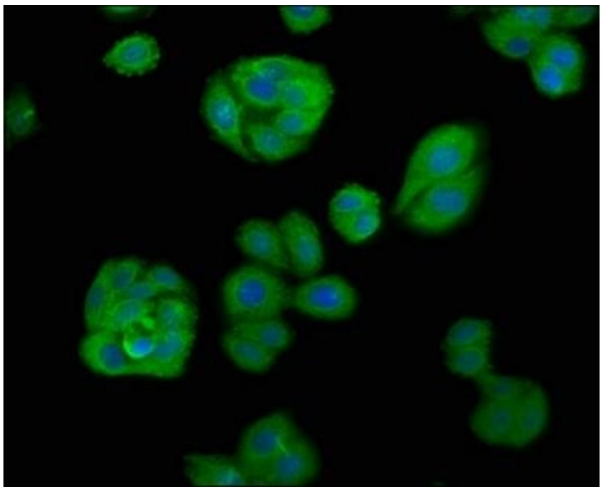
	for stop in the APOB mRNA. Also involved in CGA (Arg) to UGA (Stop) editing in the NF1 mRNA. May also play a role in the epigenetic regulation of gene expression by participating in DNA demethylation. Aliases: ABEC1_HUMAN antibody, APOBEC 1 antibody, APOBEC1 antibody, Apolipoprotein B mRNA editing enzyme antibody, Apolipoprotein B mRNA editing enzyme catalytic polypeptide 1 antibody, Apolipoprotein B mRNA editing enzyme complex 1 antibody, Apolipoprotein B mRNA-editing enzyme 1 antibody, BEDP antibody, C->U-editing enzyme APOBEC-1 antibody, CDAR1 antibody, EC 3.5.4. antibody, HEPR antibody
UniProt:	P41238

Application Details

Application Notes:	Recommended dilution: IF:1:50-1:200,
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.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7145910 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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