

Product datasheet

Anti-APOBEC1 antibody ab38601

2 Images

Overview

Product name	Anti-APOBEC1 antibody
Description	Rabbit polyclonal to APOBEC1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ELISA
Species reactivity	Reacts with: Mouse, Human
Immunogen	A KLH conjugated synthetic peptide designed within the first 50 aa of human APOBEC1 (N-terminal).
Positive control	Mouse small intestine tissue lysate and human hepatocarcinoma tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Protein G purified
Purification notes	This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab38601** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Detects a band of approximately 31 kDa (predicted molecular weight: 28 kDa).

Application	Abreviews	Notes
IHC-P		1/50 - 1/100.
ELISA		1/1000.

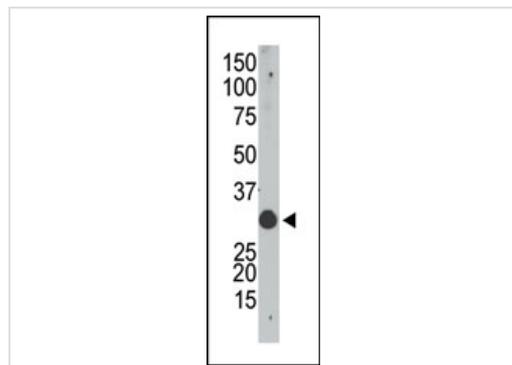
Target

Function Catalytic component of the apolipoprotein B mRNA editing enzyme complex which is responsible for the posttranscriptional editing of a CAA codon for Gln to a UAA codon for stop in the APOB mRNA. Also involved in CGA (Arg) to UGA (Stop) editing in the NF1 mRNA.

Tissue specificity Expressed exclusively in the small intestine.

Sequence similarities Belongs to the cytidine and deoxycytidylate deaminase family.

Images



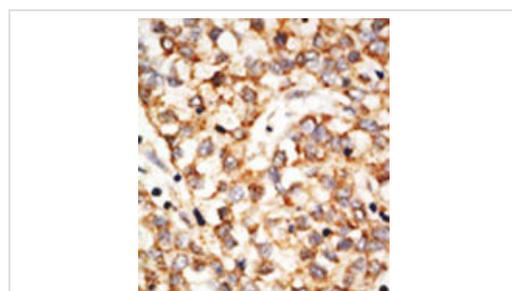
Western blot - Anti-APOBEC1 antibody (ab38601)

Anti-APOBEC1 antibody (ab38601) at 1/100 dilution + mouse small intestine tissue lysate

Predicted band size: 28 kDa

Observed band size: 31 kDa

[why is the actual band size different from the predicted?](#)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOBEC1 antibody (ab38601)

Staining of APOBEC1 on formalin-fixed and paraffin-embedded human hepatocarcinoma tissue with ab38601, detected using a peroxidase-conjugated secondary antibody, followed by AEC staining.

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