

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

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|-----------------------------|--|
| 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 Constituents: 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.

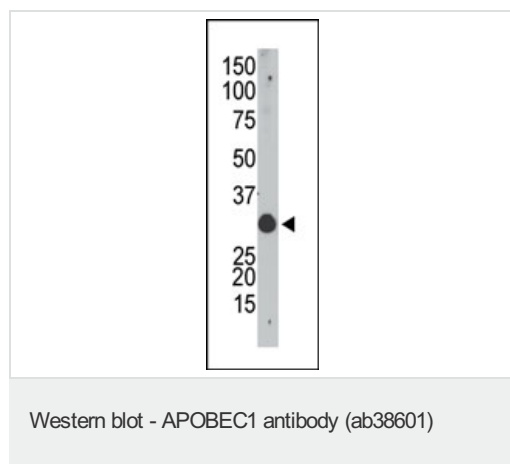
| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/100 - 1/500. Detects a band of approximately 31 kDa (predicted molecular weight: 28 kDa). |

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

Target

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|------------------------------|--|
| Function | 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 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. |

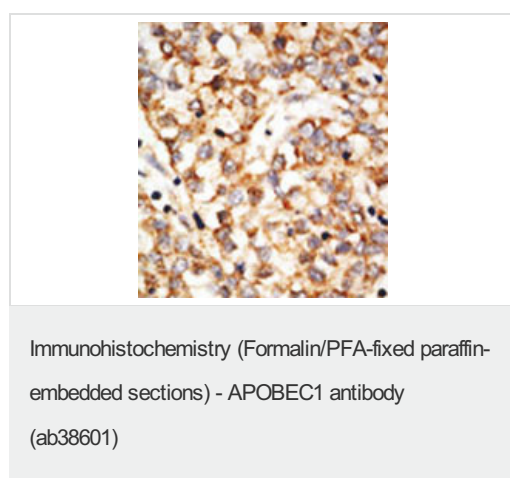
Images



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

Predicted band size: 28 kDa

Observed band size: 31 kDa



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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