

APOBEC2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5701a

Specification

APOBEC2 Antibody (N-term) - Product Information

Application	IHC-P, WB, FC,E
Primary Accession	O9Y235
Other Accession	Q3SYR3 , NP_006780.1
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25703
Antigen Region	19-48

APOBEC2 Antibody (N-term) - Additional Information

Gene ID 10930

Other Names

Probable C->U-editing enzyme APOBEC-2, 354-, APOBEC2

Target/Specificity

This APOBEC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-48 amino acids from the N-terminal region of human APOBEC2.

Dilution

IHC-P~~1:50~100

WB~~1:1000

FC~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

APOBEC2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

APOBEC2 Antibody (N-term) - Protein Information

Name APOBEC2

Function Probable C to U editing enzyme whose physiological substrate is not yet known. Does not display detectable apoB mRNA editing. Has a low intrinsic cytidine deaminase activity. May play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.

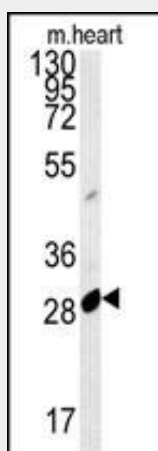
Tissue Location

Expressed exclusively in heart and skeletal muscle.

APOBEC2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

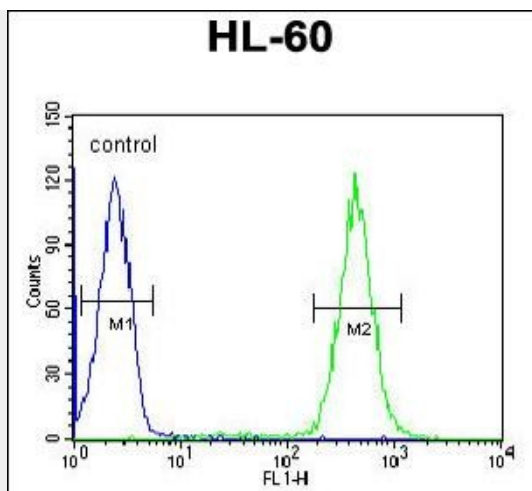
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

APOBEC2 Antibody (N-term) - Images

APOBEC2 Antibody (N-term) (Cat. #AP5701a) western blot analysis in mouse heart tissue lysates (15ug/lane). This demonstrates the APOBEC2 antibody detected APOBEC2 protein (arrow).

Image not found : 201010/AP5701a_IHC_1.JPG

APOBEC2 Antibody (N-term) (Cat. #AP5701a) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the APOBEC2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



APOBEC2 Antibody (N-term) (Cat. #AP5701a) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

APOBEC2 Antibody (N-term) - Background

APOBEC2 belongs to the cytidine and deoxycytidylate deaminase family. It is probable C to U editing enzyme whose physiological substrate is not yet known. It does not display detectable apoB mRNA editing and has a low intrinsic cytidine deaminase activity.

APOBEC2 Antibody (N-term) - References

Liao, W., et al. Biochem. Biophys. Res. Commun. 260(2):398-404(1999)
Oka, K., et al. J. Biol. Chem. 272(3):1456-1460(1997)
Lau, P.P., et al. Proc. Natl. Acad. Sci. U.S.A. 91(18):8522-8526(1994)