



## Rabbit Anti-APOBEC2 antibody

SL12493R

<b>Product Name:</b>	APOBEC2
<b>Chinese Name:</b>	载LipoproteinB-mRNA编辑酶复合物2抗体
<b>Alias:</b>	Apolipoprotein B mRNA editing enzyme catalytic polypeptide 2; Apolipoprotein B mRNA editing enzyme catalytic polypeptide like 2; ARCD1; ARP1; MGC128604; ABEC2 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	26kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human APOBEC2:121-224/224
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	APOBEC2 is a 224 amino acid protein that belongs to the cytidine and deoxycytidylate deaminase family. Expressed exclusively in heart and skeletal muscle, APOBEC2 is thought to be a probable C (cytidine) to U (uridine) editing enzyme. However, unlike other members of the family, such as APOBEC1, which mediates the editing of apolipoprotein (apo) B mRNA, APOBEC2 does not display any detectable apoB

mRNA editing activity. Also, APOBEC2 has been shown to have low, but definite, intrinsic cytidine deaminase activity.

**Function:**

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.

**Subunit:**

Homotetramer.

**Tissue Specificity:**

Expressed exclusively in heart and skeletal muscle.

**Similarity:**

Belongs to the cytidine and deoxycytidylate deaminase family.

**SWISS:**

Q9Y235

**Gene ID:**

10930

**Database links:**

[Entrez Gene: 10930](#)Human

[Entrez Gene: 11811](#)Mouse

[Entrez Gene: 301226](#)Rat

[Omin: 604797](#)Human

[SwissProt: Q9Y235](#)Human

[SwissProt: Q9WV35](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.