

Product datasheet for **AP11344PU-N**

APOBEC1 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: > 1/1,000 (peptide only) Western blot: 1/1000 Immunohistochemistry: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human Apobec1.
Specificity:	This antibody is specific to APOBEC1 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein B mRNA editing enzyme catalytic subunit 1
Database Link:	Entrez Gene 339 Human P41238



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Background:

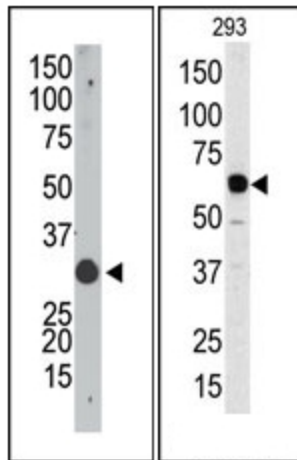
APOBEC1 is involved in the production of apolipoprotein B (apoB)-48 from apoB-100. The gene spans 18 kb and contains five exons, all of which are translated. Alternative splicing produces a variant transcript that lacks exon 2 and encodes a novel 36-amino acid peptide. The exon 2-skipped transcript accounts for approximately 50% of APOBEC1 mRNA in the adult small intestine and up to 90% of APOBEC1 mRNA in the developing gut. Exon 2-skipping may thus be a quantitatively important mechanism for regulating the expression of this gene in the gastrointestinal tract.

Synonyms:

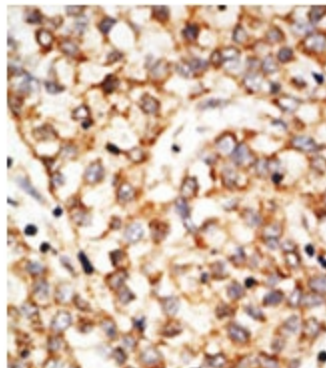
HEPR, APOBEC-1

Note:

Calculated MW: 28173 Da

Product images:


LEFT: The anti-rified Pab (1:60dilution).



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.