

APOBEC2 antibody (pAb)

Catalog No.: RA9018

Basic Information

Molecular weight

35 kDa

Category

Polyclonal antibody

Applications

WB

Cross-Reactivity

Human

Background

APOBEC2 (Apolipoprotein B mRNA-editing enzyme catalytic subunit 2) is part of a family of enzymes that edit nucleic acids, possibly changing cytosine to uracil. APOBEC2 expression is regulated by TNF- α via NF κ B activation and this suggests a possible role for APOBEC2 in the pathophysiology of hepatic inflammation. APOBEC2 has a low intrinsic cytidine deaminase activity and is also involved in DNA demethylation. APOBEC2 deaminates 5-methylcytosine, followed by base excision repair by Mbd4.

Recommended Dilutions

WB 1:500-1:2000

Product Information

Source	Rabbit
Isotype	IgG
Purification	Affinity Purified
Storage buffer	Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Storage Conditions	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Note: For in vitro research use only, not for diagnostic or therapeutic use, This product is not a medical device.

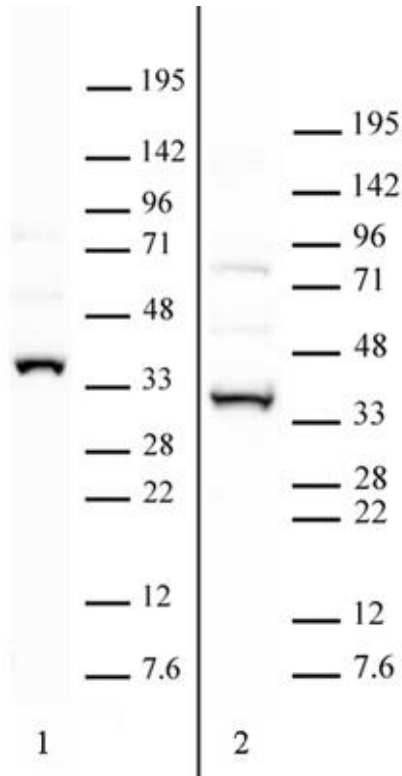
注意:在体外研究使用, 不用于诊断或治疗用途, 本产品不是医疗装置!

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APOBEC2 antibody (pAb) tested by Western blot.
Nuclear extract (20 ug) of L6E9 cells (Lane 1) or nuclear
extract (20 ug) of C2C12 cells (Lane 2) probed with
APOBEC2 antibody at a 1:2,000 dilution.

