

**APOBEC3H polyclonal antibody**

Catalog: BS32960

Host: Rabbit

Reactivity: Human

BackGround:

DNA dC->dU-editing enzyme APOBEC-3H: DNA deaminase (cytidine deaminase) which acts as an inhibitor of retrovirus replication and retrotransposon mobility via deaminase-dependent and -independent mechanisms . The A3H-var/haplotype 2 exhibits antiviral activity against vif-deficient HIV-1 . After the penetration of retroviral nucleocapsids into target cells of infection and the initiation of reverse transcription, it can induce the conversion of cytosine to uracil in the minus-sense single-strand viral DNA, leading to G-to-A hypermutations in the subsequent plus-strand viral DNA . The resultant detrimental levels of mutations in the proviral genome, along with a deamination-independent mechanism that works prior to the proviral integration, together exert efficient antiretroviral effects in infected target cells . Selectively targets single-stranded DNA and does not deaminate double-stranded DNA or single- or double-strand...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~23.5 kDa

Swiss-Prot:

Q6NTF7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of APOBEC3H protein

DATA:

Western blot analysis of BMP10 expression in mouse lung (A), mouse brain (B) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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