BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-APOBEC3B Antibody

Catalog Number: A01088

About APOBEC3B

The Apolipoprotein B mRNA-editing, enzyme-catalytic, polypeptide-like (APOBEC) 3 is a multi-isoform member of the cytosine deaminase family of enzymes that act on monomeric nucleoside and nucleotide substrates (1). Similar to TRIM5? which targets incoming retroviral capsids, APOBEC3 plays a major role in cellular defense against retroviral infection (2,3). APOBEC3B has also been shown to be upregulated in several cancers; it is thought that APOBEC3B-catalyzed genomic uracil lesions are responsible for a large proportion of mutations in multiple distinct cancers (4).

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-APOBEC3B Antibody
Reactive Species	Human
Description	Boster Bio Anti-APOBEC3B Antibody (Catalog # A01088). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	APOBEC3B Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	APOBEC3B antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9UH17

Technical Details

Immunogen	APOBEC3B antibody was raised against a 14 amino acid peptide near the amino terminus of human APOBEC3B. The immunogen is located within amino acids 20 - 70 of APOBEC3B.
Predicted Reactive Species	Chicken, Horse, Mouse
Cross Reactivity	APOBEC3B antibody is human, mouse and rat reactive . At least three isoforms of APOBEC3B are known to exist; this antibody will detect all three. APOBEC3B antibody may cross-react with

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

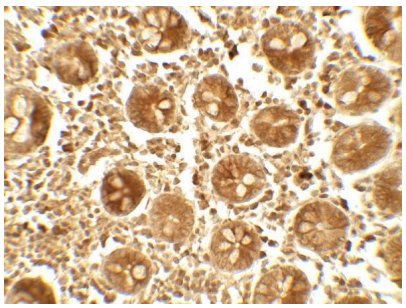
	APOBEC3D.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	APOBEC3B antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	APOBEC3B antibody can be used for detection of APOBEC3B by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry at 5 ug/mL. For Immunoflorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

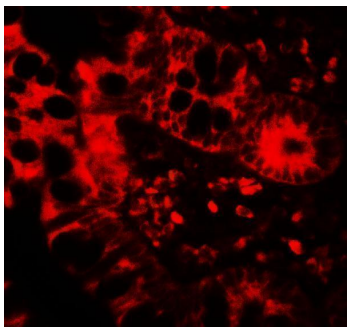
Anti-APOBEC3B Antibody (A01088) Images



Western blot analysis of APOBEC3B in HepG2 cell lysate with APOBEC3B antibody at 1 ug/ml.



Immunohistochemistry of APOBEC3B in human small intestine tissue with APOBEC3B antibody at 5 ug/mL.



Immunofluorescence of APOBEC3B in human small intestine tissue with APOBEC3B antibody at 20 ug/mL.

Anti-APOBEC3B Antibody

For Research Use Only. Not for use in diagnostic procedures.