

Datasheet: AHP2737

BATCH NUMBER 158022

Description:	RABBIT ANTI APOBEC3B
Specificity:	APOBEC3B
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/200 - 1/1000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
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Product Form	Purified IgG - liquid
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Antiserum Preparation	Antiserum to APOBEC3B was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.02% Sodium Azide 50% Glycerol
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Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human APOBEC3B
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External Database Links

UniProt:

[Q9UH17](#)

[Related reagents](#)

Entrez Gene:

[9582](#) APOBEC3B [Related reagents](#)

Specificity	Rabbit anti APOBEC3B antibody recognizes DNA dC->dU-editing enzyme APOBEC3B, also known as phorbolin-1-related protein and phorbolin-2/3. It is a member of the APOBEC (apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like) family of cytidine deaminases (Kuong and Loeb 2013). APOBEC family members function as a part of the innate immune system inhibiting retroviruses by deamination of cytosine in nascent retroviral cDNA (Harris and Liddament 2004). APOBEC3 proteins are divided into two groups: APOBEC3A, APOBEC3C, and APOBEC3H that contain one zinc-dependent cytidine deaminase domain and APOBEC3B, APOBEC3D, APOBEC3F, and APOBEC3G that contain two zinc-dependent cytidine deaminase domains (LaRue et al. 2008). APOBEC3B is overexpressed in a wide spectrum of human cancers (Zou et al. 2017).
Western Blotting	Rabbit anti APOBEC3B antibody detects a band of approximately 46 kDa in HeLa, U251 and MCF7 cell lysates under reducing conditions
Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP273710049
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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