

Datasheet: AHP2737

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.

Buffer Solution	Phosphate buffered saline
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Preservative	0.02% Sodium Azide
Stabilisers	50% Glycerol

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:

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: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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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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