

Datasheet: AHP1027

Description:	RABBIT ANTI HISTONE H3 (ACETYLATED)
Specificity:	HISTONE H3 ACETYLATED
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			1/100
Immunoprecipitation			■	
Western Blotting	■			
Immunofluorescence	■			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Species Cross Reactivity	Reacts with: Mammals, Yeast, Amphibia N.B. Antibody reactivity and working conditions may vary between species.
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Product Form	Serum - liquid
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Antiserum Preparation	Antisera to acetylated histone H3 were raised by repeated immunisation of rabbits with highly purified antigen.
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Preservative Stabilisers	0.02% Sodium Azide
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Immunogen	Ovalbumin-conjugated peptide: NKSTGGAcKAPRKYCc
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External Database Links	UniProt: Q6NXT2 Related reagents Entrez Gene: 440093 H3F3C Related reagents
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Specificity	Rabbit anti Histone acetylated H3Histone antibody was generated using a peptide corresponding to H3 acetylated at lysine 14 and recognizes all or most acetylated H3 isoforms.
References	1. Belyaev, N. <i>et al.</i> (1996) Differential underacetylation of histones H2A, H3 and H4 on the inactive X chromosome in human female cells. Hum Genet. 97 (5): 573-8. 2. Tsaprouni, L.G. <i>et al.</i> (2011) Differential patterns of histone acetylation in inflammatory bowel diseases. J Inflamm (Lond). 8: 1. 3. Foy, R.L. <i>et al.</i> (2008) Role of Jade-1 in the histone acetyltransferase (HAT) HBO1 complex. J Biol Chem. 283: 28817-26. 4. Havasi, A. <i>et al.</i> (2013) Histone Acetyl Transferase (HAT) HBO1 and JADE1 in Epithelial Cell Regeneration. Am J Pathol. 182: 152-62. 5. Epping MT <i>et al.</i> (2009) UNC45A confers resistance to histone deacetylase inhibitors and retinoic acid. Mol Cancer Res. 7 (11): 1861-70.
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10081 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Sheep Anti Rabbit IgG (STAR54...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800
Sheep Anti Rabbit IgG (2AB02...)	Biotin

Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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