

## Datasheet: VPA00629

<b>Description:</b>	RABBIT ANTI HISTONE H3F3A
<b>Specificity:</b>	HISTONE H3F3A
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 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](http://www.bio-rad-antibodies.com/protocols).

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

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Preparation

Rabbit polyclonal antibody purified by affinity chromatography.

### Buffer Solution

Phosphate buffered saline.

### Preservative Stabilisers

0.09% Sodium Azide  
1% Bovine Serum Albumin

### Immunogen

Recombinant histone H3F3A protein

**External Database  
Links**

**UniProt:**

[P84243](#)   [Related reagents](#)

**Entrez Gene:**

[3021](#)   H3F3B   [Related reagents](#)

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**Synonyms**   H3.3A, H3.3B, H3F3

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**Specificity**   **Rabbit anti Human histone H3F3A antibody** recognizes histone H3.3.

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. H3F3A contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family (provided by RefSeq, Jul 2008).

Rabbit anti Human histone H3F3A antibody detects a band of 17 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**   Rabbit anti histone H3F3A detects a band of approximately 17 kDa in Raji cell lysates.

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**Storage**   Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**   12 months from date of despatch.

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**Acknowledgements**   PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety  
Information**   Material Safety Datasheet documentation #10041 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00629>  
Antibody (10041)

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**Regulatory**   For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South**   Tel: +1 800 265 7376

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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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