

Datasheet: VPA00384

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|----------------------|--------------------------|
| Description: | RABBIT ANTI HISTONE H2BJ |
| Specificity: | HISTONE H2BJ |
| Format: | Purified |
| Product Type: | PrecisionAb™ Polyclonal |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

| | |
|---------------------------------|---|
| Target Species | Human |
| Species Cross Reactivity | Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species. |
| Product Form | Purified IgG - liquid |
| Preparation | Rabbit polyclonal antibody purified by affinity chromatography |
| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.09% Sodium Azide (NaN ₃) |
| Stabilisers | 1% Bovine Serum Albumin |
| Immunogen | KLH-conjugated synthetic peptide corresponding to aa 98-126 of human histone H2BJ |
| External Database Links | <p>UniProt: P06899 Related reagents</p> <p>Entrez Gene: 8970 HIST1H2BJ Related reagents</p> |
| Synonyms | H2BFR |

Specificity **Rabbit anti Human histone H2BJ antibody** recognizes Histone H2B type 1J, also known as histone H2B.1 and histone H2B/r.

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. The Histone H2BJ gene (HIST1H2BJ) is intron-less and encodes a member of the histone H2B family. Transcripts from HIST1H2BJ lack polyA tails but instead contain a palindromic termination element. HIST1H2BJ is found in the histone microcluster on chromosome 6p21.33 (provided by RefSeq, Jul 2008).

Rabbit anti Human histone H2BJ antibody detects a band of 17 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti histone H2BJ detects a band of approximately 17 kDa in HEK293 cell lysate

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

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

Guarantee As supplied, 12 months from date of despatch

Acknowledgements PrecisionAb™ is a trademark of Bio-Rad Laboratories

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

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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