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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|-------------------------------------|--|
| Product Number | ARP58281_P050-HRP |
| Product Page | www.avivasysbio.com/h2afx-antibody-middle-region-hrp-arp58281-p050-hrp.html |
| Name | H2AFX Antibody - middle region : HRP (ARP58281_P050-HRP) |
| Protein Size (# AA) | 143 amino acids |
| Molecular Weight | 16kDa |
| Conjugation | HRP: Horseradish Peroxidase |
| NCBI Gene Id | 3014 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | H2A histone family, member X |
| Alias Symbols | H2A.X, H2A/X, H2AFX |
| Peptide Sequence | Synthetic peptide located within the following region: ELNKLGGVTIAOQGGVLPNIQAVLLPKKTSATVGPKAPSGGKKATQASQE |
| Product Format | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6. |
| Description of Target | 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 |
| Protein Interactions | UBC; HIST1H3A; USP17L2; UBD; RNF8; DDX21; XRCC6; NBN; NCL; HIST1H3B; ESR1; CENPA; TP53BP1; TOPORS; MDC1; BRCA1; ATR; ATM; PRKDC; CBX5; TRIM28; EGFR; BMI1; HIST2H3C; PML; XRCC5; UBB; TERF2; RNF2; SIRT7; CSNK2A1; ARRB2; ARRB1; PAXIP1; MRE11A; ATF2; MCPH1; C |
| Reconstitution and Storage | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding. |
| Datasheets/Manuals | Printable datasheet for anti-H2AFX (ARP58281_P050-HRP) antibody |
| Blocking Peptide | For anti-H2AFX (ARP58281_P050-HRP) antibody is Catalog# AAP58281 (Previous Catalog# AAPP32880) |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human H2AFX |
| Uniprot ID | P16104 |
| Protein Name | Histone H2A.x |
| Sample Type Confirmation | There is BioGPS gene expression data showing that H2AFX is expressed in NCIH226 |
| Protein Accession # | NP_002096 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_002105 |
| Gene Symbol | H2AFX |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig |
| Application | IF, IHC, WB |

| | |
|---|---|
| Predicted Homology Based on Immunogen Sequence | Cow: 93%; Dog: 93%; Guinea Pig: 93%; Human: 100%; Mouse: 79%; Rat: 86% |
| Image 1 |  |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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