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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58281_P050-Biotin
Product Page	www.avivasysbio.com/h2afx-antibody-middle-region-biotin-arp58281-p050-biotin.html
Name	H2AFX Antibody - middle region : Biotin (ARP58281_P050-Biotin)
Protein Size (# AA)	143 amino acids
Molecular Weight	16kDa
Conjugation	Biotin
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 supplied in 1x PBS buffer.
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-Biotin) antibody
Blocking Peptide	For anti-H2AFX (ARP58281_P050-Biotin) 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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