

## Product datasheet for **TA334308**

### Histone H2A.J (H2AFJ) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-H2AFJ antibody is: synthetic peptide directed towards the C-terminal region of Human H2AFJ. Synthetic peptide located within the following region: IPRHLQLAIRNDEELNKLKLVITIAQGGVLPNIQAVLLPKKTESQKTKSK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	13 kDa
Gene Name:	H2A histone family member J
Database Link:	<a href="#">NP_808760</a> <a href="#">Entrez Gene 55766 Human Q9BTM1</a>



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**Background:**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is located on chromosome 12 and encodes a variant H2A histone. The protein is divergent at the C-terminus compared to the consensus H2A histone family member.

**Synonyms:**

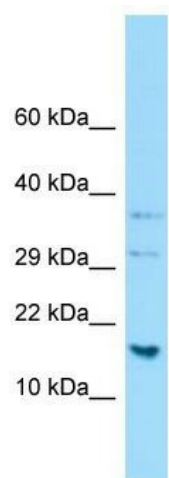
H2AJ

**Note:**

Immunogen Sequence Homology: Human: 100%; Bovine: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Mouse: 93%; Rabbit: 93%; Guinea pig: 93%

**Protein Pathways:**

Systemic lupus erythematosus

**Product images:**

WB Suggested Anti-H2AFJ Antibody; Titration: 1.0 ug/ml; Positive Control: 721\_B Whole CellH2AFJ is supported by BioGPS gene expression data to be expressed in 721\_B