

Rabbit Histone H2AFV Polyclonal Antibody | anti-H2AFV antibody

Histone H2AFV Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281859	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Histone H2AFV; Polyclonal Antibody; Histone H2AFV Rabbit pAb; H2A.Z-2; H2AV; H2AFV; anti-H2AFV antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MAGGKAGKDS GKAKAKAVSR SQRAGLQFPV GRIHRHLKTR TTSHGRVGAT AAVYSAAILE YLTAEVLELA GNASKDLKVK RITPRHLQLA IRGDEELDSL IKATIAGGGV IPHIHKSIG KKGQQKTA
Applicable Applications for anti-H2AFV antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-128 of human H2AFV (NP_036544.1).
Positive Samples	293T, A-431, Mouse thymus, Mouse spleen, Rat thymus, Rat lung
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



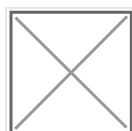
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using H2AFV antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



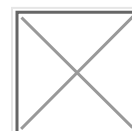
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using H2AFV antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using H2AFV antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat testis using H2AFV Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using H2AFV antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-H2AFV antibody	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 encodes a replication-independent histone that is a member of the histone H2A family. Several transcript variants encoding different isoforms, have been identified for this gene. [provided by RefSeq, Oct 2015]
Product Categories/Family for anti-H2AFV antibody	Epigenetics & Nuclear Signaling; Histones; Research; Epigenetics & Nuclear Signaling; DNA Damage & Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912616
NCBI GeneID	94239
NCBI Accession #	NP_036544.1
NCBI GenBank Nucleotide #	NM_012412.4
UniProt Accession #	Q71UI9; Q59GV8; Q6PK98; A6NFA8; A6NKY0; A6NN01; A8MQC5
Molecular Weight	6,892 Da
NCBI Official Full Name	histone H2A.V isoform 1
NCBI Official Synonym Full Names	H2A histone family, member V
NCBI Official Symbol	H2AFV
NCBI Official Synonym Symbols	H2AV; H2A.Z-2
NCBI Protein Information	histone H2A.V; H2A.F/Z; histone H2A.F/Z; purine-rich binding element protein B
UniProt Protein Name	Histone H2A.V
UniProt Gene Name	H2AFV
UniProt Synonym Gene Names	H2AV

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h2afv-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281859>