

Datasheet for ABIN7267555
anti-H2AFV antibody (AA 1-128)

5 Images

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Overview

Quantity:	100 µL
Target:	H2AFV
Binding Specificity:	AA 1-128
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This H2AFV antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	Histone H2AFV Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-128 of human Histone H2AFV (NP_036544.1).
Sequence:	MAGGKAGKDS GKAKAKAVSR SQRAGLQFPV GRIHRHLKTR TTSHGRVGAT AAVYSAAILE YLTAEVLELA GNASKDLKVK RITPRHLQLA IRGDEELDSL IKATIAGGGV IPIHIKSLIG KKGQQKTA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

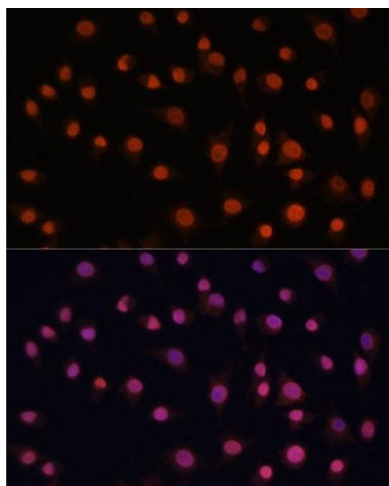
Target:	H2AFV
Alternative Name:	H2AFV (H2AFV Products)
Background:	<p>Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of 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.</p> <p>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],H2A.Z-2,H2AV,H2AFV,Epigenetics & Nuclear Signaling,Histones,DNA Damage & Repair,H2AFV</p>
Gene ID:	94239
UniProt:	Q71UI9

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

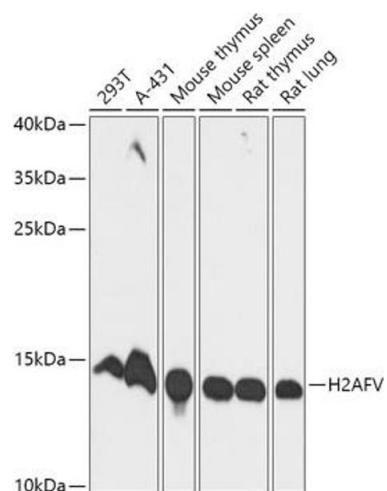
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



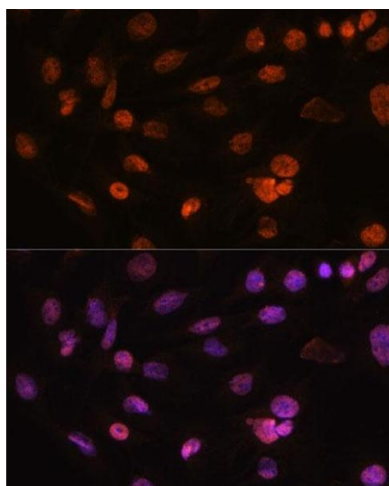
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using Histone H2AFV antibody (ABIN7267555) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Histone H2AFV antibody (ABIN7267555) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using Histone H2AFV antibody (ABIN7267555) at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7267555.