

Rabbit anti-Human, Mouse Histone H2A.J Polyclonal Antibody | anti-H2A.J antibody

Histone H2A.J antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60088	Rabbit	Human, Mouse	Western Blot, Dot Blot

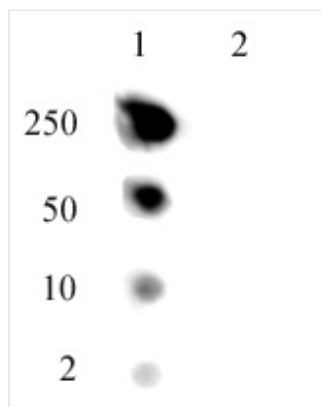
PRODUCT SYNONYMS

Histone H2A.J; Polyclonal Antibody; Histone H2A.J antibody (pAb); anti-H2A.J antibody

PRODUCT SPECIFICATIONS

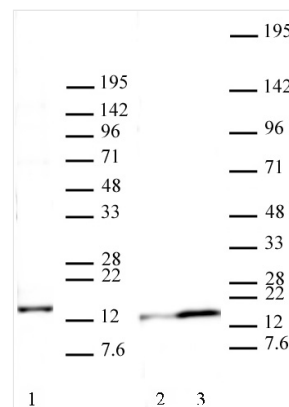
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-H2A.J antibody	WB (Western Blot), DB (Dot Blot)
Immunogen	This antibody was raised against a peptide comprising amino acids 122-129 of human Histone H2A.J.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



DB (Dot Blot)

Dot blot of Histone H2A.J pAb. Dot blot analysis was used to confirm the specificity of Histone H2A.J antibody. Lane 1: H2A.J peptide. Lane 2: H2A peptide comprised of a.a. 114-126 of human Histone H2A.



WB (Western Blot)

Western blot of Histone H2A.J pAb. 20 ug Nuclear Extract of HeLa cells (Lane 1) or 40 ug mouse 3T3-L1 cells before (Lane 2) or following stimulation for 12 days with a defined hormonal mixture (DMSO, dexamethasone, insulin, and IBMX) resulting in differentiation into adipocytes (Lane 3). MW:14kD

ADDITIONAL INFORMATION

Related Product Information for anti-H2A.J antibody	Short Description: Our Histone H2A.J antibody (pAb) was raised in a Rabbit host. It has been validated for use in Dot blot and Western blot; it has been shown to react with Human and Mouse samples. Background: Histone H2A is one of the core components of the nucleosome. The nucleosome is the smallest subunit of chromatin and consists of 147 base pairs of DNA wrapped around an octamer of core histone proteins (two each of Histone H2A, Histone H2B, Histone H3and Histone H4). Histone H1 is a linker histone, present at the interface between the nucleosome core and DNA entry/exit points, and is responsible for establishing higher-order chromatin structure. Histone H2A.J is a histone H2A variant, a protein similar to canonical H2A but with different molecular identity and unique functions. Histone H2A.J, which is found only in mammals, is shown to be associated with senescence, accumulating in senescent fibroblasts and promoting expression of inflammatory genes. Therefore, H2A.J may contribute to chronic inflammation and age-related diseases.
Product Categories/Family for anti-H2A.J antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29553970
NCBI GeneID	55766
NCBI Accession #	NP_808760; AB_2793769
NCBI GenBank Nucleotide #	NM_177925
UniProt Accession #	Q9BTM1
Molecular Weight	13kDa
NCBI Official Full Name	histone H2A.J
NCBI Official Synonym Full Names	H2A histone family member J
NCBI Official Symbol	H2AFJ
NCBI Official Synonym Symbols	H2AJ
NCBI Protein Information	histone H2A.J
UniProt Protein Name	Histone H2A.J
UniProt Gene Name	H2AFJ
UniProt Synonym Gene Names	H2a/j
UniProt Entry Name	H2AJ_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h2aj-antibody-western-blot-dot-blot-elisa/60088>