

Rabbit Histone H2AS129ph Polyclonal Antibody | anti-H2AS129ph antibody

Histone H2AS129ph antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59854	Rabbit	Budding Yeast, Wide Range Predicted	Western Blot, Dot Blot, Chromatin Immunoprecipitation, Immunoprecipitation

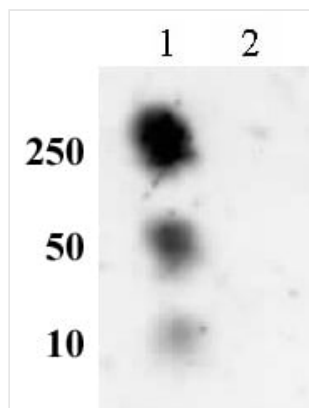
PRODUCT SYNONYMS

Histone H2AS129ph; Polyclonal Antibody; Histone H2AS129ph antibody (pAb); anti-H2AS129ph antibody

PRODUCT SPECIFICATIONS

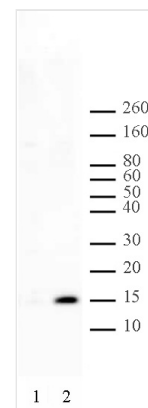
Host	Rabbit
Reactivity	Budding Yeast, Wide Range Predicted
Clonality	Polyclonal
Form/Format	Rabbit serum containing 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-H2AS129ph antibody	WB (Western Blot), DB (Dot Blot), ChIP (Chromatin immunoprecipitation)
Conjugation	Phosphorylated
Immunogen	This Histone H2A phospho Ser129 antibody was raised against a peptide including phospho-serine 129 of budding yeast Histone H2A.
Abs Residue	Ser
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)

Histone H2AS129ph antibody (pAb) tested by dot blot analysis. Dot blot analysis was used to confirm the specificity of Histone H2A phospho Ser129 pAb for phospho Ser129 histone H2A. Peptides corresponding to the immunogen and the unmodified version of the immunogen were spotted onto PVDF and probed with the antibody at 1:500. The amount of peptide (picomoles) spotted is indicated next to each row. Lane 1: Phospho-Ser129 peptide. Lane 2: Unmodified Ser129 peptide.



WB (Western Blot)

Histone H2AS129ph antibody (pAb) tested by Western blot. Whole-cell extract of yeast exposed to 200Gy ionizing radiation blotted with Histone H2A phospho Ser129 pAb at a dilution of 1:1,000. Lane 1: Yeast containing an alanine at position 129. Lane 2: Wild-type yeast.

ADDITIONAL INFORMATION

Related Product Information for anti-H2AS129ph antibody	Short Description: Our Histone H2AS129ph antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, Dot blot and Western blot; it has been shown to react with Budding Yeast samples, but it is predicted that it will react with a wide range of sample types. Background: Histone H2A is one of the core components of the nucleosome, the basic building block of chromatin. Unlike mammals that have a distinct DNA damage-responsive histone H2A variant, H2AX, budding yeast histone H2A contains an SQ motif in the C-terminus that is phosphorylated by the Mec1 and Tel1 kinases in response to DNA double strand breaks. As with mammalian H2AX phosphorylation, phosphorylation of yeast histone H2A at serine 129 is required for the efficient repair of DNA double-strand breaks.
Product Categories/Family for anti-H2AS129ph antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	14kDa
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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-h2as129ph-antibody-western-blot-dot-blot-chromatin-immunoprecipitation-elisa/59854>