

Rabbit MacroH2A1 Polyclonal Antibody | anti-H2AFY antibody

Anti-MacroH2A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261869	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MacroH2A1; Polyclonal Antibody; Anti-MacroH2A1 Antibody; MACROH2A1; Core histone macro-H2A.1; Histone macroH2A1; mH2A1; Histone H2A.y; H2A/y; Medulloblastoma antigen MU-MB-50.205; anti-H2AFY antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of MacroH2A1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	371
Applicable Applications for anti-H2AFY antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human MacroH2A1
Preparation and Storage	Aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



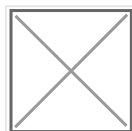
IF (Immunofluorescence)

Immunofluorescent analysis of MacroH2A1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of MacroH2A1 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MacroH2A1 expression in Jurkat (A), HeLa (B), mouse liver (C), rat lung (D) whole cell lysates.(Predicted band size: 39 kD; Observed band size: 40 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-H2AFY antibody	Rabbit polyclonal antibody to MacroH2A1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	93141020
NCBI GeneID	9555
NCBI Accession #	NP_001035248.1
NCBI GenBank Nucleotide #	NM_001040158.1
UniProt Accession #	O75367; O09140; Q63325
NCBI Official Full Name	core histone macro-H2A.1 isoform 2
NCBI Official Synonym Full Names	H2A histone family member Y
NCBI Official Symbol	H2AFY
NCBI Official Synonym Symbols	H2A.y; H2A/y; mH2A1; H2AF12M; MACROH2A1.1; macroH2A1.2
NCBI Protein Information	core histone macro-H2A.1
UniProt Protein Name	Core histone macro-H2A.1
UniProt Gene Name	H2afy
UniProt Synonym Gene Names	Histone macroH2A1; mH2A1
UniProt Entry Name	H2AY_RAT

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/macroh2a1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261869>