Datasheet for ABIN7306914

anti-H2AFY antibody

3 Images

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Overview

Quantity:	100 µL
Target:	H2AFY
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This H2AFY antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human MacroH2A1
Specificity:	Recognizes endogenous levels of MacroH2A1 protein.
Characteristics:	Rabbit polyclonal antibody to MacroH2A1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	H2AFY
Alternative Name:	MacroH2A1 (H2AFY Products)
Background:	MACROH2A1, Core histone macro-H2A.1, Histone macroH2A1, mH2A1, Histone H2A.y, H2A/y, Medulloblastoma antigen MU-MB-50.205

Target Details

Gene ID:	9555, 26914, 29384
UniProt:	O75367, Q9QZQ8, Q02874

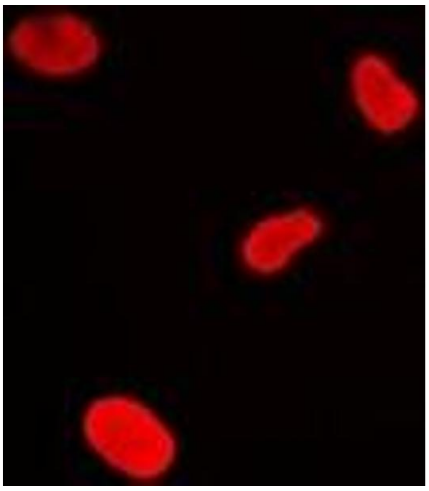
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

Handling

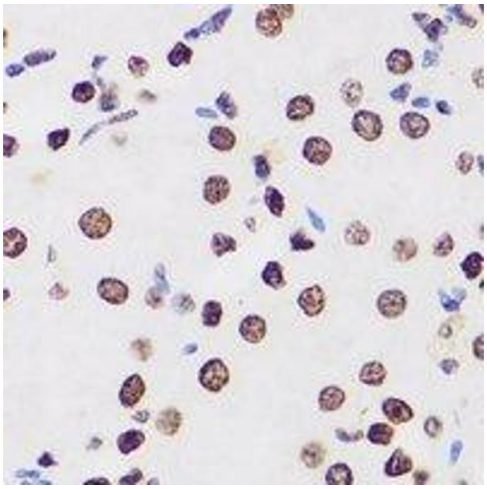
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



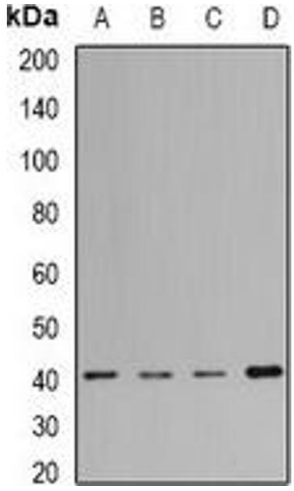
Immunofluorescence

Image 1. 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 antib



Immunohistochemistry

Image 2. 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



Western Blotting

Image 3. Western blot analysis of MacroH2A1 expression in Jurkat (A), Hela (B), mouse liver (C), rat lung (D) whole cell lysates.

