

Datasheet for ABIN7139625
anti-HIST1H1E antibody (pThr17)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HIST1H1E
Binding Specificity:	pThr17
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H1E antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around site of Phospho-Thr (17) derived from Human Histone H1.4
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	HIST1H1E
Alternative Name:	HIST1H1E (HIST1H1E Products)
Background:	Background: Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the

Target Details

condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).

Aliases: H1 histone family member 4 antibody, H1.4 antibody, H14_HUMAN antibody, H1E antibody, H1F4 antibody, Hist1h1e antibody, Histone 1 H1e antibody, Histone cluster 1 H1e antibody, Histone H1 antibody, Histone H1.4 antibody, Histone H1B antibody, MGC116819 antibody

UniProt: [P10412](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IF:1:1-1:10,

Restrictions: For Research Use only

Handling

Format: Liquid

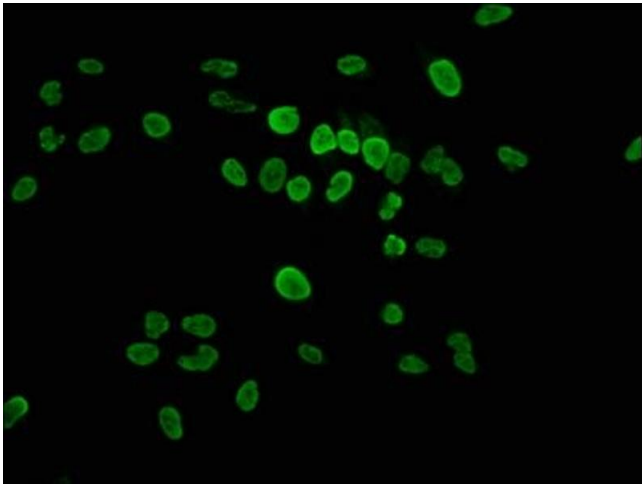
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

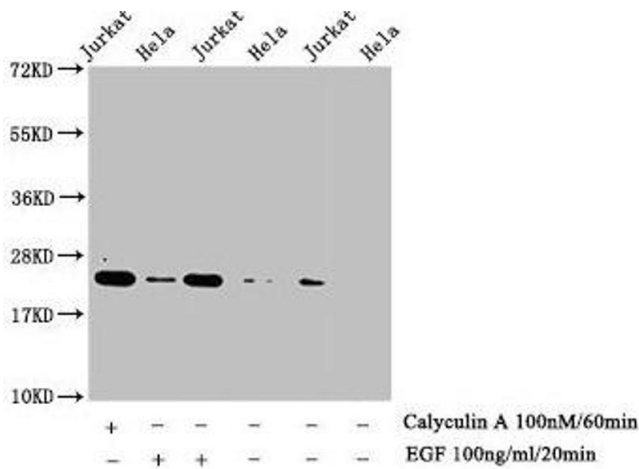
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7139625 at 1:2.5, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Detected samples: Jurkat whole cell lysate, HeLa whole cell lysate, Untreated (-) or treated (+) with Calyculin A and EGF All lanes: HIST1H1E antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/40000 Predicted band size: 22 kDa Observed band size: 22 kDa