Datasheet for ABIN7155365

anti-HIST1H2AC antibody (AA 2-130)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	HIST1H2AC
Binding Specificity:	AA 2-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H2AC antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Histone H2A type 1-C protein (2-130AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HIST1H2AC
Alternative Name:	HIST1H2AC (HIST1H2AC Products)
Background:	Background: Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a

Target Details

	template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. Aliases: HIST1H2AC antibody, H2AFL antibody, Histone H2A type 1-C antibody, Histone H2A/l antibody
UniProt:	Q93077

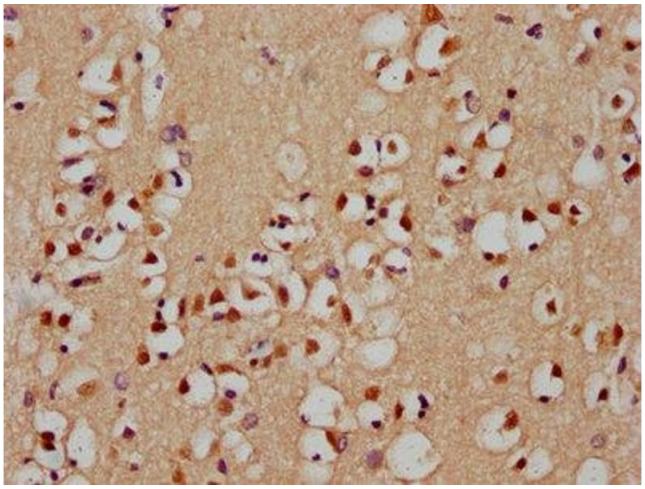
Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
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.

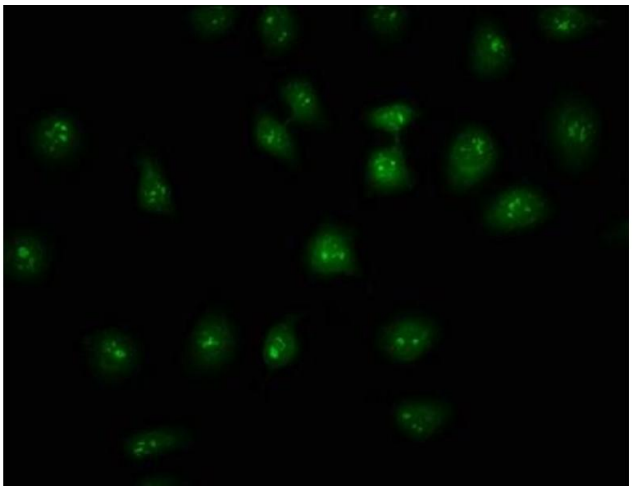
Images



Immunohistochemistry

Image 1. IHC image of ABIN7155365 diluted at 1:400 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and

visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of A549 cells with ABIN7155365 at 1:133, 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-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).