

Datasheet for ABIN7155291
anti-HAT1 antibody (Catalytic Subunit)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	HAT1
Binding Specificity:	AA 245-419, Catalytic Subunit
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Histone acetyltransferase type B catalytic subunit protein (245-419AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	HAT1
Alternative Name:	HAT1 (HAT1 Products)
Background:	Background: Acetylates soluble but not nucleosomal histone H4 at '\\Lys-5\\' (H4K5ac) and '\\Lys-12\\' (H4K12ac) and, to a lesser extent, acetylates histone H2A at '\\Lys-5\\'

Target Details

(H2AK5ac). Has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG. May be involved in nucleosome assembly during DNA replication and repair as part of the histone H3.1 and H3.3 complexes. May play a role in DNA repair in response to free radical damage.

Aliases: HAT 1 antibody, hat1 antibody, HAT1_HUMAN antibody, Histidine aminotransferase 1 antibody, Histone acetyltransferase 1 antibody, Histone acetyltransferase 1 antibody, Histone acetyltransferase type B catalytic subunit antibody, KAT1 antibody

UniProt: [O14929](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

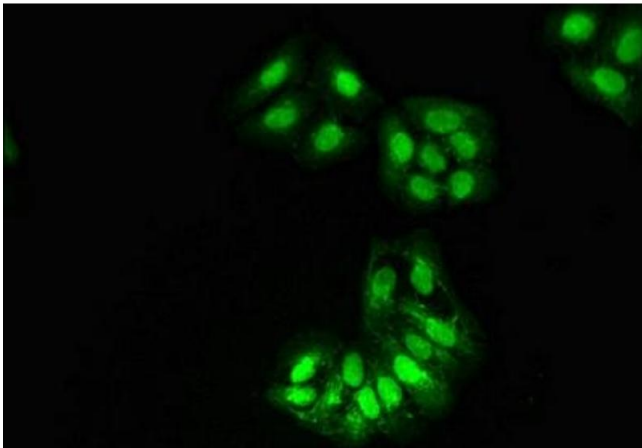
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

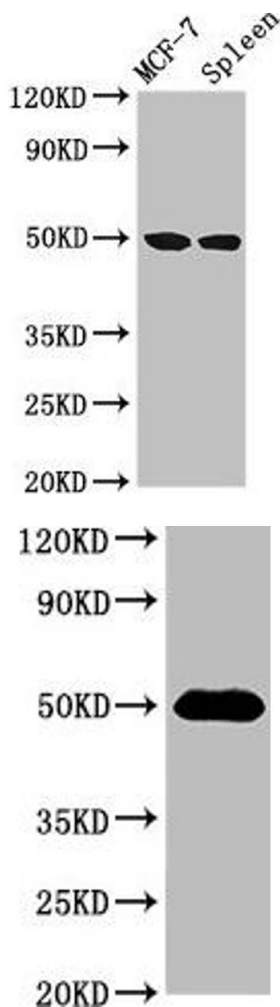
Storage: -20 °C, -80 °C

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



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7155291 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate, Rat spleen tissue All lanes: HAT1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 50, 40 kDa Observed band size: 50 kDa

Western Blotting

Image 3. Western Blot Positive WB detected in: 293 whole cell lysate All lanes: HAT1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 50, 40 kDa Observed band size: 50 kDa

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7155291.