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Datasheet for ABIN7155294

**anti-HAT1 antibody (Catalytic Subunit) (HRP)**

## Overview

Quantity:	100 µg
Target:	HAT1
Binding Specificity:	AA 245-419, Catalytic Subunit
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAT1 antibody is conjugated to HRP
Application:	ELISA

## Product Details

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

## Target Details

Target:	HAT1
Alternative Name:	HAT1 ( <a href="#">HAT1 Products</a> )
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' (H2AK5ac). Has

## Target Details

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: Optimal working dilution should be determined by the investigator.

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.