



Anti-HAT1 (aa 8-21) polyclonal antibody (DPABH-19498)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 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.
Immunogen	Synthetic peptide: EKFLVEYKSAVEKK, with N-terminal added cysteine, conjugated to KLH, corresponding to amino acids 8-21 of Human HAT1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µl
Buffer	Constituents: 1% BSA, 0.01M PBS, pH 7.4
Preservative	15mM Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	HAT1 histone acetyltransferase 2 [Homo sapiens]
Official Symbol	HAT1
Synonyms	HAT1; histone acetyltransferase 1; KAT1; histone acetyltransferase type B catalytic subunit;
Entrez Gene ID	8520
Protein Refseq	NP_003633.1
UniProt ID	O14929
Pathway	Alcoholism; Chromatin modifying enzymes; EGFR1 Signaling Pathway;
Function	histone acetyltransferase activity; protein binding;