

HAT1 polyclonal antibody

Catalog: BS1650

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

In the intact cell, DNA closely associates with histones and other nuclear

proteins to form chromatin. The remodeling of chromatin is believed to be

a critical component of transcriptional regulation and a major source of this

remodeling is brought about by the acetylation of nucleosomal histones.

Acetylation of lysine residues in the amino-terminal tail domain of histone

results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription

factors by DNA. Conversely, the deacetylation of histones is associated with transcriptional silencing. Several

mammalian proteins have been identified as nuclear histone acetylases, including

GCN5, PCAF (p300/CBP-associated factor), p300/CBP, HAT1 and the TFIID

subunit TAF II p250. Mammalian HDAC1 (also designated HD1), HDAC2

(also designated RPD3) and HDAC3-6 have been identified as histone

deacetylases.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 48 kDa

Swiss-Prot:

O14929

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum

by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

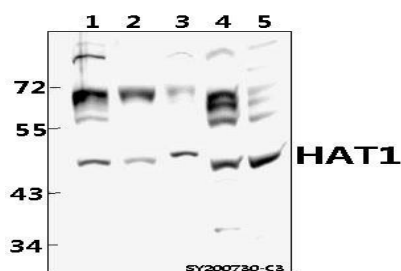
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

HAT1 polyclonal antibody detects endogenous levels of HAT1 protein.

DATA:



Western blot (WB) analysis of HAT1 polyclonal antibody at 1:500 dilution

Lane1:EC9706 whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Lane3:HCT116 whole cell lysate(40ug)

Lane4:CT-26 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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