

## Product Information

**Size:**

50ug

**Reactivity:**

Human, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000,  
IHC:1:20-1:200

**Protein Background:**

Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Involved in H3K14 (histone H3 lysine 14) acetylation and cell proliferation. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription. Acts as a coactivator of the licensing factor CDT1. Specifically represses AR-mediated transcription.

**Gene ID:**

KAT7

**Uniprot**

O95251

**Synonyms:**

Histone acetyltransferase KAT7 (EC 2.3.1.48) (Histone acetyltransferase binding to ORC1) (Lysine acetyltransferase 7) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2) (MYST-2), KAT7, HBO1 HBOa MYST2

**Immunogen:**

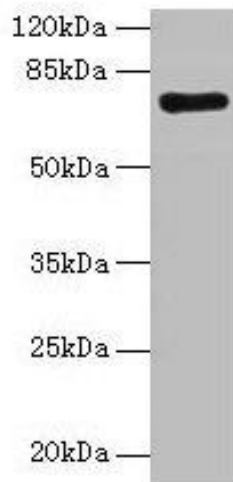
Recombinant Human Histone acetyltransferase KAT7 protein (1-214AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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### Western blot

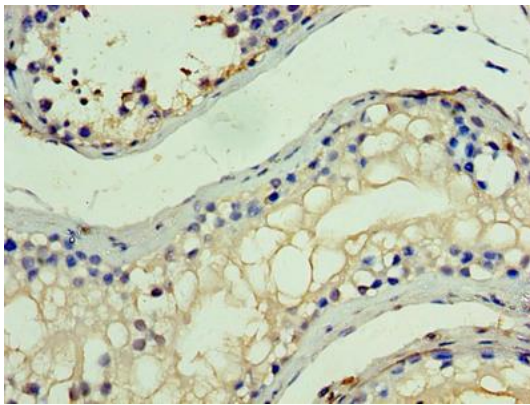
All lanes: KAT7 antibody at 2 $\mu$ g/ml + Rat brain tissue

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 71, 59, 52, 67, 56 kDa

Observed band size: 71 kDa



Immunohistochemistry of paraffin-embedded human testis tissue using PACO31764 at dilution of 1:100.