

## anti- HAT1 antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab03761   |
| Size:         | 100µg   |
| Form:         | liquid  |
| Purification: | Immunogen affinity purified   |
| Purity:       | ≥95% as determined by SDS-PAGE  |
| Host:         | Rabbit  |
| Clonality:    | polyclonal  |
| Clone ID:     | None  |
| IsoType:      | IgG   |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

### Background

The protein encoded by this gene is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5. Alternatively spliced transcript variants have been identified for this gene.

### Immunogen information

|              |                             |
|--------------|-----------------------------|
| Immunogen:   | histone acetyltransferase 1 |
| Synonyms:    | KAT1                        |
| Observed MW: | 50 kDa                      |
| UniprotID :  | O14929                      |

### Application

|             |                   |
|-------------|-------------------|
| Reactivity: | Human, Mouse, Rat |
|-------------|-------------------|

### Wuhan Fine Biotech Co., Ltd.

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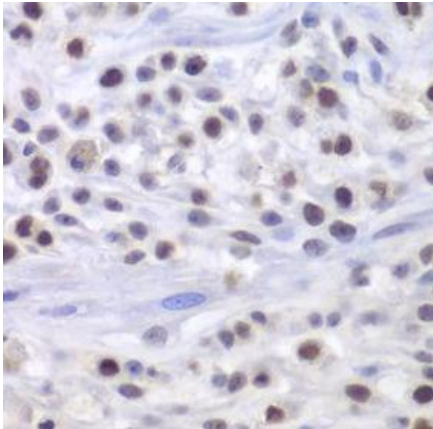
Tel :( 0086)027-87384275

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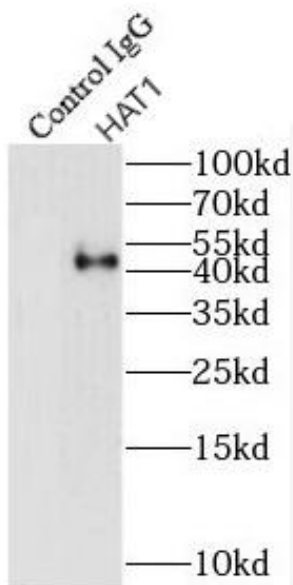
Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200; ChIP: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded mouse osteosarcoma using FNab03761(HAT1 antibody) at dilution of 1:50



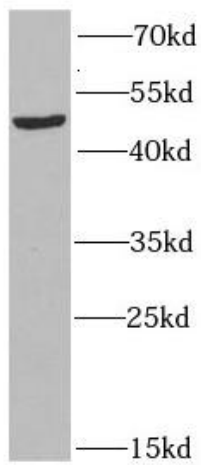
IP Result of anti-HAT1 (IP:FNab03761, 4ug; Detection:FNab03761 1:500) with HepG2 cells lysate 3200ug.

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MCF7 cells were subjected to SDS PAGE followed by western blot with FNab03761(HAT1 antibody) at dilution of 1:1000