

## Anti-KAT5/Tip60 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P103349

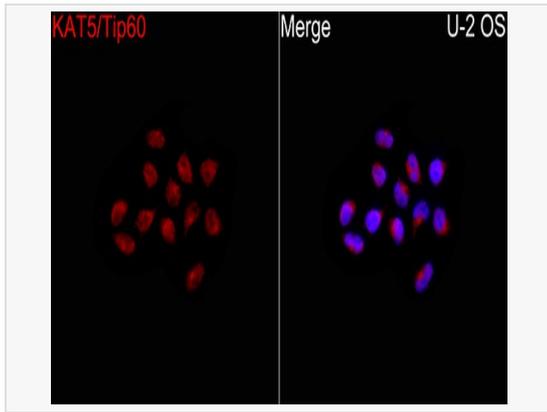
### Product Information

|             |   |
|-------------|---|
| Application | WB, IF (Cell)/ICC, ELISA  |
| Reactivity  | Human, Mouse, Rat   |
| Dilution    | WB 1:500~1:1,000; IF 1:50~1:200   |
| Host        | Rabbit  |
| Clonality   | Polyclonal  |
| Isotype     | IgG   |
| Label       | Unconjugated  |
| Immunogen   | Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human KAT5/Tip60 (NP_006379.2).      |
| Format      | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.                     |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-KAT5/Tip60 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.                |

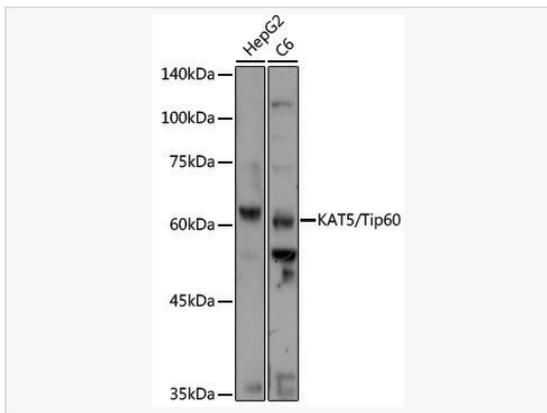
### Protein Information

|               |  |
|---------------|--|
| Synonyms      | TIP; ESA1; PLIP; TIP60; cPLA2; HTATIP; ZC2HC5; HTATIP1; NEDFASB; KAT5/Tip60.   |
| Calculated MW | Calculated MW: 59 kDa; Observed MW: 60 kDa   |
| Uniprot ID    | Q92993   |
| Gene ID       | 10524  |
| Background    | The protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. This protein is a histone acetylase that has a role in DNA repair and apoptosis and is thought to play an important role in signal transduction. Alternative splicing of this gene results in multiple transcript variants. |

## Validation Images



Immunofluorescence analysis of U-2 OS cells using KAT5/Tip60 Rabbit pAb (P103349) at a dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using KAT5/Tip60 Rabbit pAb (P103349) at 1:500 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 30s.