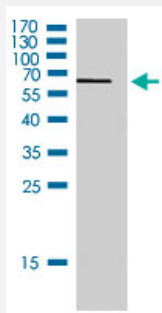


# KAT5 (phospho S86) polyclonal antibody

Catalog # PAB31650      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of Jurkat cell lysate.

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of human KAT5 (phospho S86).

**Immunogen** A synthetic peptide corresponding to amino acids 30-110 of human KAT5 (phospho S86).

**Host** Rabbit

**Reactivity** Human, Mouse

**Specificity** This antibody detects endogenous levels of KAT5 protein only when phosphorylated at S86.

**Form** Liquid

**Purification** Affinity purification

**Isotype** IgG

**Recommend Usage**  
ELISA (1:40000)  
Western Blot (1:500-2000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS (50% glycerol, 0.5% BSA and 0.02% sodium azide).

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of Jurkat cell lysate.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — KAT5

**Entrez GeneID**[10524](#)**Protein Accession#**[Q92993](#)**Gene Name**

KAT5

**Gene Alias**

ESA1, HTATIP, HTATIP1, PLIP, TIP, TIP60, cPLA2

**Gene Description**

K(lysine) acetyltransferase 5

**Omim ID**[601409](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

HIV-1 Tat interactive protein, 60kDa|K-acetyltransferase 5|Tat interacting protein, 60kDa|cPLA2 interacting protein