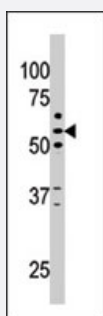


HTATIP polyclonal antibody

Catalog # PAB2247

Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of HTATIP polyclonal antibody (Cat # PAB2247) in mouse liver tissue lysate (35 ug/lane). HTATIP (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HTATIP.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human HTATIP.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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 (Tissue lysate)

Western blot analysis of HTATIP polyclonal antibody (Cat # PAB2247) in mouse liver tissue lysate (35 ug/lane). HTATIP (arrow) was detected using the purified polyclonal antibody.

Gene Info — KAT5

Entrez GeneID [10524](#)

Protein Accession# [NP_006379: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

Publication Reference

- [The mammalian YL1 protein is a shared subunit of the TRRAP/TIP60 histone acetyltransferase and SRCAP complexes.](#)

Cai Y, Jin J, Florens L, Swanson SK, Kusch T, Li B, Workman JL, Washburn MP, Conaway RC, Conaway JW.

The Journal of Biological Chemistry 2005 Apr; 280(14):13665.

Application: WB-Tr, Human, HeLa cells

- [The c-MYC oncoprotein is a substrate of the acetyltransferases hGCN5/PCAF and TIP60.](#)

Patel JH, Du Y, Ard PG, Phillips C, Carella B, Chen CJ, Rakowski C, Chatterjee C, Lieberman PM, Lane WS, Blobel GA, McMahon SB.

Molecular and Cellular Biochemistry 2004 Dec; 24(24):10826.

- [Role of the histone acetyl transferase Tip60 in the p53 pathway.](#)

Legube G, Linares LK, Tyteca S, Caron C, Scheffner M, Chevillard-Briet M, Trouche D.

The Journal of Biological Chemistry 2004 Oct; 279(43):44825.

Application: IF, Human, U-2 OS cells