

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TIP60/KAT5



Numéro de catalogue: 10827-1-AP

Phare

17 Publications

Informations de base

Numéro de catalogue:
10827-1-AP

Taille:
150ul, Concentration: 800 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1261

Numéro d'acquisition GenBank:
BC000166

Identification du gène (NCBI):
10524

Nom complet:
K(lysine) acetyltransferase 5

MW calculé
60 kDa

MW observés:
55-60 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IHC 1:20-1:200

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
ChIP, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB: cellules PC-3, cellules HeLa, cellules HepG2, cellules Jurkat, tissu hépatique de rat, tissu hépatique de souris

IHC: tissu de cancer de la prostate humain,

Informations générales

KAT5, also named as The histone acetyltransferase (HAT) Tat interactive protein 60 kD belongs to the MYST protein family that contains atypical zinc finger and histone acetyltransferase domains. Also, KAT5 contains a chromodomain. KAT5 is a catalytic subunit of the NuA4 histone acetyltransferase complex. The NuA4 HAT complex plays a role in transcriptional activation of select genes mainly by acetylation of nucleosomal histone H4 and H2A, which influence nucleosome-DNA interaction and promotes interaction of the modified histones with other proteins that could regulate transcription positively. This complex also involves in the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, DNA repair and apoptosis. KAT5 exists some isoforms with MV 53-60 kDa

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoqing Zhang	34572918	Cancers (Basel)	IHC
Yaodong Zhang	30308494	Cell Physiol Biochem	WB
Hameed Akbar	36190325	J Mol Cell Biol	IF,IP

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

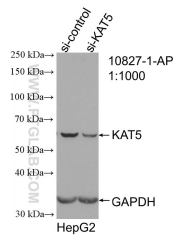
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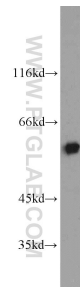
E: proteintech@ptglab.com
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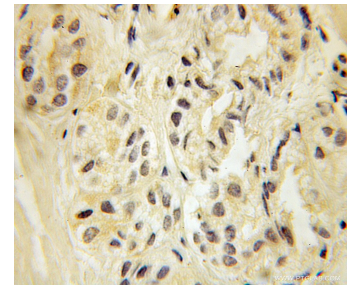
Données de validation sélectionnées



WB result of KAT5 antibody (10827-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KAT5 transfected HepG2 cells.



PC-3 cells were subjected to SDS PAGE followed by western blot with 10827-1-AP (KAT5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10827-1-AP (KAT5 antibody) at dilution of 1:100 (under 10x lens).