

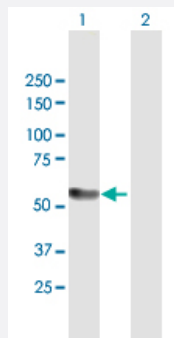
MaxPab®

KAT5 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00010524-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KAT5 expression in transfected 293T cell line ([H00010524-T02](#)) by KAT5 MaxPab polyclonal antibody.

Lane 1: HTATIP transfected lysate(56.43 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human KAT5 protein.

Immunogen

KAT5 (NP_006379.2, 1 a.a. ~ 513 a.a) full-length human protein.

Sequence

MAEVGEIIEGCRLPVLRRNQDNEDEWPLAEILSVKDISGRKLFYVHYDFNKRLDEWVTHERLDLK
KIQFPKKEAKTPTKNGLPGSRPGSPEREVPASQAASGKTLPIPVQITLRFNLPKEREAIPEGEPDQ
PLSSSSCLQPNHRSTKRKVEVVPATPVPSETAPASVFPQNGAARRAVAAQGRKRKSNCLGT
DEDSQDSSDGIPSAPRMTGSLVSDRSHDDIVTRMKNIECIELGRHRLKPWYFSPYPQELTTLPLVLY
LCEFCCLKYGRSLKCLQRHLTKCDLRHPPGNEIYRKGTISFFEIDGRKNKSYSQNLCLLAKCFLDHKT
LYYDTPFLFYVMTEYDCKGFHMGYFSKEKESTEDYNVACILTPPYQRRGYGKLLIEFSYELSKVE
GKTGTPEKPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQITINEISEITSIKKEDVISTLQYLNINLY
YKGQYILTLSEDMDGHERAMLRLLRDSKCLHFTPKDWSKRGKW

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

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[Protocol Download](#)

Gene Info — KAT5

Entrez GeneID[10524](#)**GeneBank Accession#**[NM_006388.2](#)**Protein Accession#**[NP_006379.2](#)**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