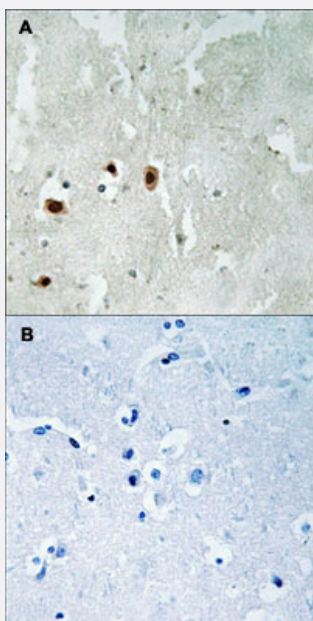


KAT5 (phospho S90) polyclonal antibody

Catalog # PAB29252 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human brain tissue by KAT5 (phospho S90) polyclonal antibody (Cat # PAB29252) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human KAT5.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S90 of human KAT5.
Host	Rabbit
Theoretical MW (kDa)	58
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of KAT5 only when phosphorylated at serine 90.
Form	Liquid

Purification	Affinity purification
Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (without Mg ²⁺ and Ca ²⁺), (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Avoid repeated freezing and thawing.

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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