INHAT-2/pp32 antibody (pAb)

Catalog No: 39213
RRID: AB_2615058
Application(s): WB
Reactivity: Human

Volume: 200 µl
Purification: Affinity Purified
Host: Rabbit
Isotype: IgG
Molecular Weight: 31 kDa

Background: INHAT (pp32) binds to histones and masks them from being substrates for histone acetyltransferases (HATs). Endogenous INHAT subunits, which include the Set/TAF-I beta oncoprotein, and pp32 associate with chromatin *in vivo* and can block coactivator mediated transcription when transfected in cells. Single phosphorylations within the Histone H3 tail blocks binding of INHAT, as well as simultaneous acetylation of multiple lysine residues.

Immunogen: This INHAT-2/pp32 antibody was raised against a mixture of synthetic peptides corresponding to amino acid residues 87-103 and 231-246 of human INHAT-2/pp32.

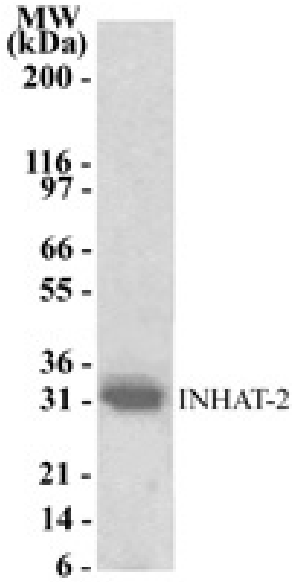
Buffer: PBS containing 0.02% sodium azide and 0.1 mg/ml BSA. Sodium azide is highly toxic.

Application Notes:
Applications Validated by Active Motif:
WB: 1:500 - 1:1,000 dilution

For optimal results, primary antibody incubations should be performed at room temperature. The addition of 0.1% Tween 20 to all blocking solutions may also reduce background. Individual optimization may be required.

Storage and Guarantee: Some products may be shipped at room temperature. This will not affect their stability or performance. Store at 4°C for short term. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage. This product is guaranteed for 12 months from date of receipt.

This product is for research use only and is not for use in diagnostic procedures.



INHAT-2/pp32 pAb tested by Western blot. Detection of INHAT-2 by Western blot. The analysis was performed using HeLa whole-cell extract and INHAT-2/pp32 pAb at a 1:1,000 dilution.