

pan methyl-lysine polyclonal antibody

Catalog: BS31141

Host: Rabbit

Reactivity: All

BackGround:

Methyl-lysine is a post-translational modification in which lysine residues (predominantly on histones) are mono-, di- or tri-methylated. These marks constitute a key component of the 'histone code' that regulates chromatin dynamics and gene expression. Pan-specific antibodies to methyl-lysine recognize this modification across multiple protein substrates.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

N/A (post-translational modification; target proteins vary)

Swiss-Prot:

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000), IF/ICC (1/50 - 1/200), IP (1/20 - 1/50)

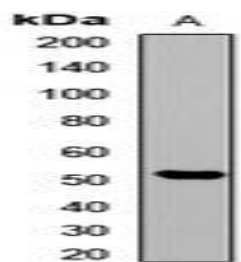
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

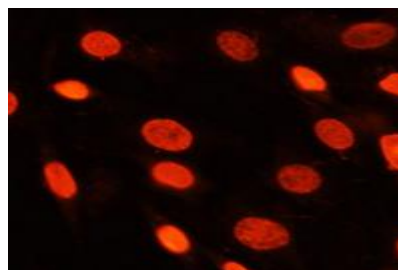
Specificity:

Recognizes endogenous levels of methyl-lysine protein.

DATA:



Western blot analysis of GABRB1 expression in rat brain (A) whole cell lysates.



Immunofluorescent analysis of GABRB1 staining in Hacat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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