

PCAF (F820) polyclonal antibody

Catalog: BS1417

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino-terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA. Conversely, the deacetylation of histones is associated with transcriptional silencing. Several mammalian proteins have been identified as nuclear histone acetylases, including GCN5, PCAF (for p300/CBP-associated factor), p300/CBP and the TFIID subunit TAFII p250. Mammalian HDAC1 (also designated HD1) and HDAC2 (also designated mammalian RPD3), both of which are related to the yeast transcriptional regulator Rpd3p, have been identified as histone deacetylases.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 93 kDa

Swiss-Prot:

Q92831

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

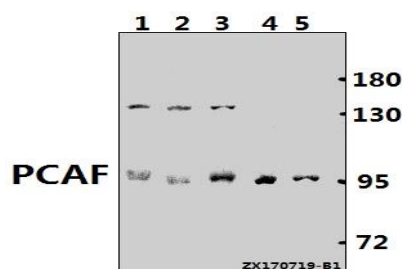
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

PCAF (F820) polyclonal antibody detects endogenous levels of PCAF protein.

DATA:



Western blot (WB) analysis of PCAF (F820) pAb at 1:500 dilution

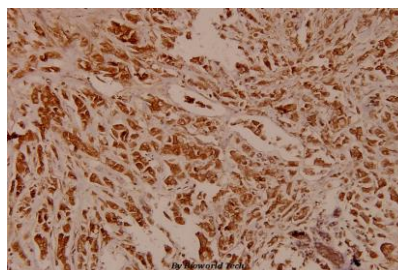
Lane1:PC12 whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:MEF whole cell lysate(20ug)

Lane4:SGC7901 whole cell lysate(40ug)

Lane5:HEK293T whole cell lysate(10ug)



Immunohistochemistry (IHC) analyzes of PCAF (F820) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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