BANF1 polyclonal antibody

Catalog: BS90118 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Barrier-to-autointegration factor (BAF) binds non-specifically to double stranded DNA, possibly to play a role in tissue- or cell type-specific gene expression by interacting with different homeodomain transcription factors. BAF compresses chromatin structure and interacts with the LEM domain of nuclear proteins to play a crucial role in membrane recruitment and chromatin decondensation during nuclear assembly. Additionally, retroviruses like HIV-1 incorporate BAF from host cells into preintegration complexes (PICs) to prevent autointegration of retroviral DNA and thereby promote integration of retroviral DNA into the host chromosome.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

10 kDa

Swiss-Prot:

O75531(Human) O54962(Mouse) Q9R1T1(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500

ICC:1:50-1:100

IHC:1:50-1:200

FC:1:50-1:100

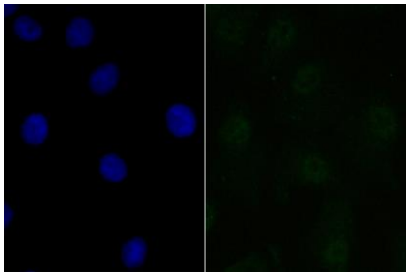
Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.

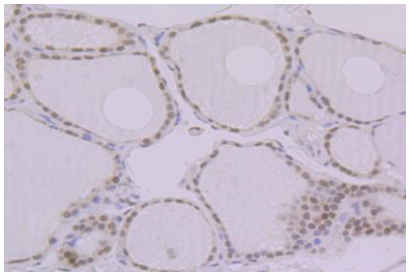
Specificity:

BANF1 polyclonal antibody detects endogenous levels of BANF1 protein.

DATA:



ICC staining BANF1 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemical analysis of paraffin-embedded human thyroid gland tissue using anti-BANF1 antibody. Counter stained with hematoxylin.

Note:

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

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