HMGA1 polyclonal antibody

Catalog: BS60402 Host: Rabbit Reactivity: Human,Mouse

BackGround:

High mobility group (HMG) chromatin proteins bind to the minor groove of AT-rich DNA sequences with high affinity. Evidence suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NFkB family, ATF-2 and c-Jun to activate transcription. Other studies indicate that phosphorylation of HMG protein is required to stimulate the transcriptional activity of the protein. Human HMG-I/HMG-Y contains two DNA-binding domains, termed HMG boxes. HMG proteins bind single-stranded DNA but induce conformational changes in double-stranded DNA alone.

Product:

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

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P17096

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

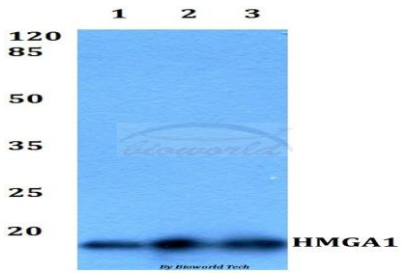
Storage&Stability:

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

Specificity:

HMGA1 polyclonal antibody detects endogenous levels of HMGA1 protein.

DATA:



Western blot (WB) analysis of HMGA1 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:NIH-3T3 whole cell lysate

Note:

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

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