

HMGB2 polyclonal antibody

Catalog: BS90651

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. 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 NFκB 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-1 and HMG-2 both contain two DNA-binding domains, termed HMG boxes. HMG proteins bind single-stranded DNA but induce conformational changes in double-stranded DNA alone.

Product:

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

Molecular Weight:

24 kDa

Swiss-Prot:

P26583(Human) P30681(Mouse) P52925(Rat)

Purification&Purity:

Protein affinity purified.

Applications:

WB:1:500-1:1,000

ICC:1:50-1:200

IHC:1:50-1:200

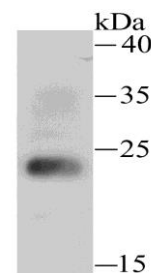
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

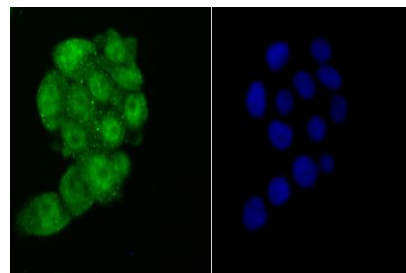
Specificity:

HMGB2 polyclonal antibody detects endogenous levels of HMGB2 protein.

DATA:



Western blot analysis of HMGB2 on mouse testis tissue lysate using anti-HMGB2 antibody at 1/500 dilution.



ICC staining HMGB2 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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