

HMGB1 Antibody

Catalog No: T55060

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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400-6123-828

Information

UniProt ID: P09429

All Names: HMGB1; HMG3; HMG1; SBP 1; Amphoterin;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

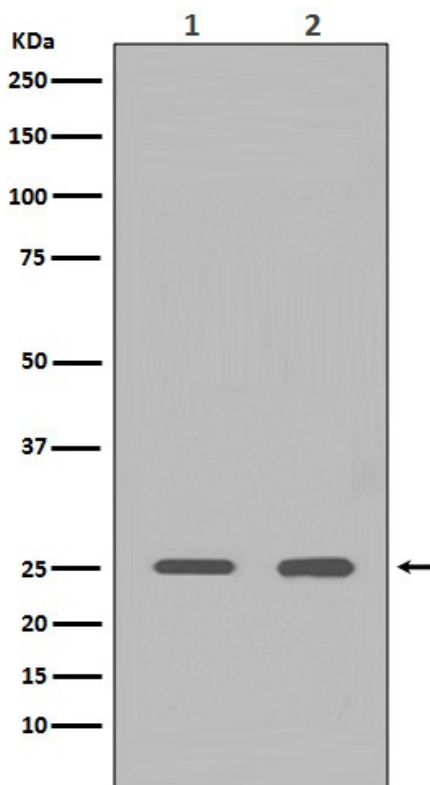
Molecular Wt.: 25kDa

Application

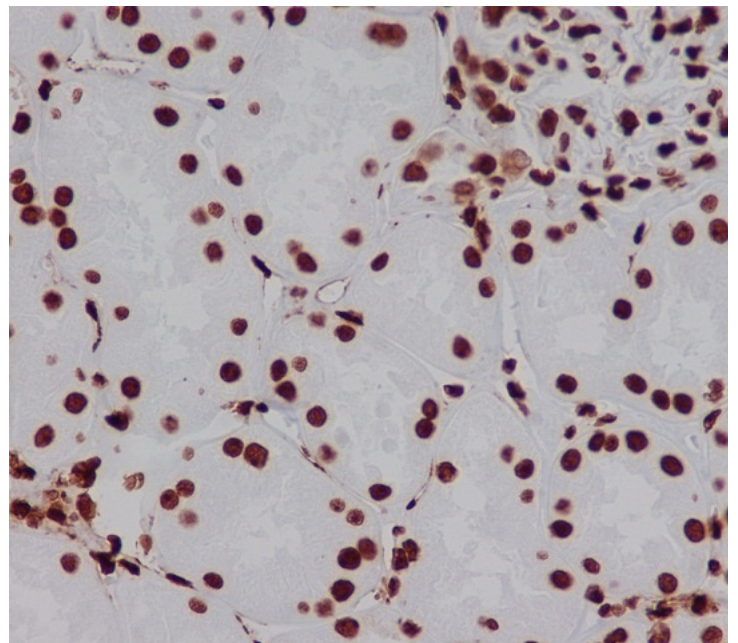
WB 1:1000~1:2000 IHC 1:50~1:100 ICC/IF 1:50~1:100 FC 1:30

Background

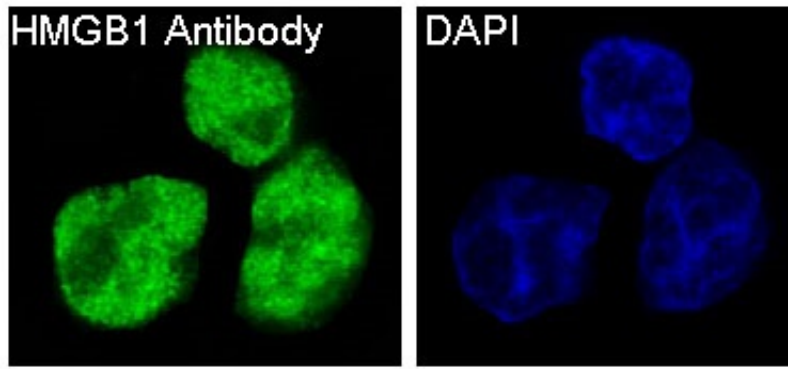
High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. Evidence suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NFκB family, ATF-2 and c-Jun to activate transcription.



Western blot analysis of HMGB1 expression in (1) HeLa cell lysate; (2) Rat brain lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using HMGB1 Antibody.



Immunofluorescent analysis of SW480 cells, using HMGB1 Antibody.