

HMGB2

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 24kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human HMGB2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

fj

Synonym:

HMG2

Catalog #: A2973

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3148

Isotype: IgG

Swiss Prot: P26583

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.

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