

HMGB2 Polyclonal Antibody

Catalog No.	A2973	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	24kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	24kDa

Immunogen Information

Immunogen	A synthetic peptide of human HMGB2
Gene ID	3148
Swiss prot	P26583
Synonyms	HMGB2; HMG2; high mobility group box 2

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

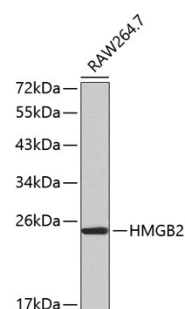
Background

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.

Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:200



Western blot - HMGB2 Polyclonal Antibody (A2973)



Immunofluorescence - HMGB2 Polyclonal Antibody (A2973)