

## HMGB2 Polyclonal Antibody

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

### Immunogen Information

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

### Product information

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

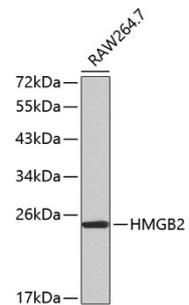
### Background

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)