

## 兔抗 HMGB1 多克隆抗体

- 中文名称： 兔抗 HMGB1 多克隆抗体
- 英文名称： Anti-HMGB1 rabbit polyclonal antibody
- 别名： HMG1; HMG3; SBP-1
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Rabbit
- 抗原： HMGB1
- 反应种属： Human, Mouse, Rat
- 标记物： Unconjugate
- 克隆类型： rabbit polyclonal

### 技术规格

**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 NF B 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.

<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	HMGB1
<b>Immunogen:</b>	Synthetic peptide of human HMGB1
<b>Full name:</b>	high mobility group box 1
<b>Synonyms :</b>	HMG1; HMG3; SBP-1
<b>SwissProt:</b>	P09429
<b>ELISA Recommended dilution:</b>	2000-5000
<b>IHC positive control :</b>	Human thyroid cancer
<b>IHC Recommend dilution:</b>	50-200
<b>WB Predicted band size:</b>	25 kDa
<b>WB Positive control:</b>	Human hepatocellular carcinoma tissue, Hela and Jurkat cells, 293T cells and human breast infiltrative duct tissue
<b>WB Recommended dilution:</b>	500-2000



