

## 兔抗 HMGB4 多克隆抗体

- 中文名称：兔抗 HMGB4 多克隆抗体
- 英文名称：Anti-HMGB4 rabbit polyclonal antibody
- 别名：dj1007G16.5
- 抗原：HMGB4
- 储存：冷冻（-20℃）
- 宿主：Rabbit
- 相关类别：一抗
- 反应种属：Human
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

### 技术规格

#### Background:

High mobility group protein B4 is a transcription factor that in humans is encoded by the HMGB4 gene. HMGB4 is strongly and preferentially expressed in the adult mouse testis and weakly in the brain, but not in many other tissues. HMGB4 associates with chromatin, and in transfection assays, in contrast to HMGB1, it acts as a potent transcriptional repressor. During spermatogenesis, HMGB4 is present in the euchromatin of late pachytene spermatocytes and haploid round spermatids, whereas stronger expression is observed during the elongation phase, where it localizes to the basal pole of the nucleus in a manner mutually exclusive with H1FNT (H1T2) localized at the apical pole. HMGB4 b

	asal localization is lost in H1FNT-mutant spermatids, showing th at H1FNT provides a positional cue for organizing chromatin do mains within the nucleus. These results show that HMGB4 and H1FNT specify distinct chromatin domains at the apical and bas al poles of the elongating spermatid nucleus.
<b>Applications:</b>	ELISA, WB
<b>Name of antibody:</b>	HMGB4
<b>Immunogen:</b>	Fusion protein of human HMGB4
<b>Full name:</b>	high mobility group box 4
<b>Synonyms :</b>	dJ1007G16.5
<b>SwissProt:</b>	Q9BY41
<b>ELISA Recommended dilution:</b>	1000-2000
<b>WB Predicted band size :</b>	22 kDa
<b>WB Positive control:</b>	231 cells and human fetal liver tissue
<b>WB Recommended dilution:</b>	200-1000

