

## 兔抗 BOP1 多克隆抗体

中文名称：兔抗 BOP1 多克隆抗体

英文名称：Anti-BOP1 rabbit polyclonal antibody

别名：block of proliferation 1

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：BOP1

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

BOP1(block of proliferation 1 protein) is a 746 amino acid highly conserved non-ribosomal protein that is involved in ribosome biogenesis. Truncation of the amino terminus of BOP1 leads to cell growth arrest in the G1 phase and specific inhibition of 28S and 5.8S rRNA synthesis, as well as a deficit in the cytosolic 60S ribosomal subunit. This suggests that BOP1 is involved in the formation of mature rRNAs and in the biogenesis of the 60S ribosomal subunit. BOP1 physically interacts with pescadillo (a protein involved in cell proliferation) and enables efficient incorporation of pescadillo into the nuclear preribosomal complexes, thereby affecting rRNA maturation and the cell cycle. The BOP1-pescadillo complex

	is also necessary for biogenesis of 60S ribosomal subunits. Deregulation of BOP1 may lead to colorectal tumorigenesis.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	BOP1
<b>Immunogen:</b>	Synthetic peptide of human BOP1
<b>Full name:</b>	block of proliferation 1
<b>SwissProt:</b>	Q14137
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human esophagus cancer;
<b>IHC Recommend dilution:</b>	20-100

