

## 兔抗 MLST8 多克隆抗体

中文名称：兔抗 MLST8 多克隆抗体

英文名称：Anti-MLST8 rabbit polyclonal antibody

别名：MTOR associated protein, LST8 homolog; GBL; LST8; POP3; WAT1; GbetaL

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：MLST8

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

Subunit of both mTORC1 and mTORC2, which regulates cell growth and survival in response to nutrient and hormonal signals. mTORC1 is activated in response to growth factors or amino acids. Growth factor-stimulated mTORC1 activation involves a AKT1-mediated phosphorylation of TSC1-TSC2, which leads to the activation of the RHEB GTPase that potently activates the protein kinase activity of mTORC1. Amino acid-signaling to mTORC1 requires its relocalization to the lysosomes mediated by the Ragulator complex and the Rag GTPases. Activated mTORC1 up-regulates protein synthesis by phosphorylating key regulators of mRNA translation and ribosome synthesis. mTORC1 phosphorylates EIF4EBP1 and releases it from inhibiting the

	elongation initiation factor 4E (eIF4E). mTORC1 phosphorylates and activates S6K1 at 'Thr-389', which then promotes protein synthesis by phosphorylating PDCD4 and targeting it for degradation.
<b>Applications:</b>	ELISA, WB
<b>Name of antibody:</b>	MLST8
<b>Immunogen:</b>	Fusion protein of human MLST8
<b>Full name:</b>	MTOR associated protein, LST8 homolog
<b>Synonyms:</b>	GBL; LST8; POP3; WAT1; GbetaL
<b>SwissProt:</b>	Q9BVC4
<b>ELISA Recommended dilution:</b>	5000-10000
<b>WB Predicted band size:</b>	36 kDa
<b>WB Positive control:</b>	Human liver tissue lysate
<b>WB Recommended dilution:</b>	500-2000

