

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.
Applications:	ELISA, WB
Name of antibody:	MLST8
Immunogen:	Fusion protein of human MLST8
Full name:	MTOR associated protein, LST8 homolog
Synonyms:	GBL; LST8; POP3; WAT1; GbetaL
SwissProt:	Q9BVC4
ELISA Recommended dilution:	5000-10000
WB Predicted band size:	36 kDa
WB Positive control:	Human liver tissue lysate
WB Recommended dilution:	500-2000

