

## 兔抗 LAMTOR1 多克隆抗体

中文名称：兔抗 LAMTOR1 多克隆抗体

英文名称：Anti-LAMTOR1 rabbit polyclonal antibody

别名：late endosomal/lysosomal adaptor, MAPK and MTOR activator 1; p18; PDRO; C11orf59; p27RF-Rho; Ragulator1

相关类别：一抗

储存：冷冻 (-20℃)

宿主：Rabbit

抗原：LAMTOR1

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

As part of the Ragulator complex it is involved in amino acid sensing and activation of mTORC1, a signaling complex promoting cell growth in response to growth factors, energy levels, and amino acids. Activated by amino acids through a mechanism involving the lysosomal V-ATPase, the Ragulator functions as a guanine nucleotide exchange factor activating the small GTPases Rag. Activated Ragulator and Rag GTPase function as a scaffold recruiting mTORC1 to lysosomes where it is in turn activated. LAMTOR1 is directly responsible for anchoring the Ragulator complex to membranes. Also required for late endosomes/lysosomes biogenesis it may regulate both the recycling of receptors through endosomes and

	the MAPK signaling pathway through recruitment of some of its components to late endosomes. May be involved in cholesterol homeostasis regulating LDL uptake and cholesterol release from late endosomes/lysosomes. May also play a role in RHOA activation.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	LAMTOR1
<b>Immunogen:</b>	Synthetic peptide of human LAMTOR1
<b>Full name:</b>	late endosomal/lysosomal adaptor, MAPK and MTOR activator 1
<b>Synonyms:</b>	p18; PDRO; C11orf59; p27RF-Rho; Ragulator1
<b>SwissProt:</b>	Q6IAA8
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human tonsil
<b>IHC Recommend dilution:</b>	20-100

