

## 兔抗 PHTF1 多克隆抗体

中文名称：兔抗 PHTF1 多克隆抗体

英文名称：Anti-PHTF1 rabbit polyclonal antibody

别名：putative homeodomain transcription factor 1; PHTF

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：PHTF1

反应种属：Human, Mouse

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

<b>Background:</b>	PHTF1 (putative homeodomain transcription factor 1), also known as PHTF, is a potential transcription regulator. It is a ubiquitously expressed integral, multipass membrane protein with predominant expression in testis. PHTF1 is associated with the ER (endoplasmic reticulum) and contains one bHLH (basic helix-loop-helix) domain. It is present in the cell during meiosis and spermiogenesis but, by the end of spermiogenesis, is released from the mature cell within the residual bodies. This implies that PHTF1 may play a role in the spermatozoa maturation process. In addition, PHTF1 is believed to interact with FEM1B and may be responsible for recruiting FEM1B to the surface of the ER membrane.
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	<p>membrane. This suggests that PHTF1 acts as a sequestering or anchoring protein for FEM1B. Two PHTF1 isoforms exist due to alternate splicing events. Isoform 2 is the shorter form and lacks the amino acid residues 648 to 762.</p>
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	PHTF1
<b>Immunogen:</b>	Fusion protein of human PHTF1
<b>Full name:</b>	putative homeodomain transcription factor 1
<b>Synonyms:</b>	PHTF
<b>SwissProt:</b>	Q9UMS5
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human thyroid cancer
<b>IHC Recommend dilution:</b>	20-100

