

## 兔抗 TPM1 多克隆抗体

中文名称：兔抗 TPM1 多克隆抗体

英文名称： Anti-TPM1 rabbit polyclonal antibody

别名： CMH3; TMSA; CMD1Y; C15orf13; HTM-alpha

抗原： TPM1

储存： 冷冻（-20℃）

宿主： Rabbit

相关类别： 一抗

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

### 技术规格

**Background:**

This gene is a member of the tropomyosin family of highly conserved, widely distributed actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosin is composed of two alpha-helical chains arranged as a coiled-coil. It is polymerized end to end along the two grooves of actin filaments and provides stability to the filaments. The encoded protein is one type of alpha helical chain that forms the predominant tropomyosin of striated muscle, where it also functions in association with the troponin complex to regulate the calcium-dependent interaction of actin and myosin during muscle contraction. In smooth muscle and non-muscle cells, alternatively spliced transcript variants encoding a range of isoforms have been described. Mutations in this gene are associated with

	h type 3 familial hypertrophic cardiomyopathy.
<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	TPM1
<b>Immunogen:</b>	Fusion protein of human TPM1
<b>Full name:</b>	Tropomyosin 1 (alpha)
<b>Synonyms :</b>	CMH3; TMSA; CMD1Y; C15orf13; HTM-alpha
<b>SwissProt:</b>	P09493
<b>ELISA Recommended dilution:</b>	2000-5000
<b>IHC positive control:</b>	Human gastric cancer and human breast cancer
<b>IHC Recommend dilution:</b>	50-200
<b>WB Predicted band size:</b>	33 kDa
<b>WB Positive control:</b>	Mouse heart and muscle tissue
<b>WB Recommended dilution:</b>	500-2000



