

## 兔抗 TESC 多克隆抗体

- 中文名称：兔抗 TESC 多克隆抗体
- 英文名称：Anti-TESC rabbit polyclonal antibody
- 别名：TSC; CHP3
- 相关类别：一抗
- 储存：冷冻（-20℃）
- 抗原：TESC
- 宿主：Rabbit
- 反应种属：Human, Mouse
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

### 技术规格

**Background:**

Tescalcin, also known as TESC, TSC or CHP3, is a 267 amino acid protein that contains one EF-hand domain and is expressed abundantly in adult heart tissue. Using calcium as a cofactor, Tescalcin interacts with NHE-1 and functions to couple the activation of the ERK cascade with the expression of Ets proteins during megakaryocytic differentiation. Human Tescalcin shares 97% sequence identity with its mouse counterpart, suggesting a conserved role between species. Multiple isoforms of Tescalcin exist due to alternative splicing events. Functions as an integral cofactor in cell pH regulation by controlling plasma membrane-type Na<sup>+</sup>/H<sup>+</sup> exchange activity. Promotes the maturation, transport, cell surface sta

	bility and exchange activity of SLC9A1/NHE1 at the plasma membrane. Promotes the induction of hematopoietic stem cell differentiation toward megakaryocytic lineage. Essential for the coupling of ERK cascade activation with the expression of ETS family genes in megakaryocytic differentiation. Also involved in granulocytic differentiation in a ERK-dependent manner. Inhibits the phosphatase activity of calcineurin.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	TESC
<b>Immunogen:</b>	Fusion protein of human TESC
<b>Full name:</b>	tescalcin
<b>Synonyms :</b>	TSC; CHP3
<b>SwissProt:</b>	Q96BS2
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human prostate cancer and Human tonsil
<b>IHC Recommend dilution:</b>	25-100

