

## Product datasheet

# Anti-TSSK2 antibody ab57189

### 1 图像

#### 概述

产品名称	Anti-TSSK2抗体
描述	小鼠单克隆抗体to TSSK2
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-359 of Human TSSK2

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab57189** in the following tested applications.

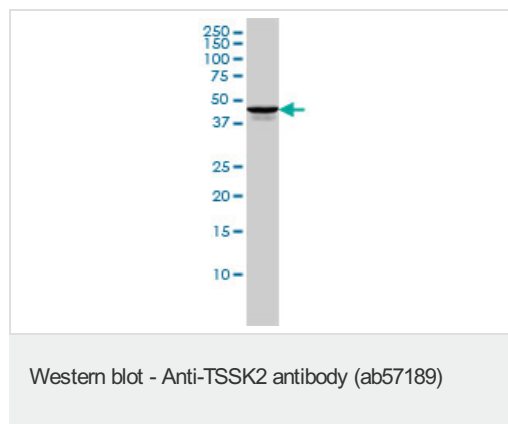
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 41 kDa.

#### 靶标

<b>功能</b>	Testis-specific serine/threonine-protein kinase required during spermatid development. Phosphorylates TSKS at 'Ser-288' and SPAG16. Involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm. During spermatogenesis, required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body.
<b>组织特异性</b>	Testis-specific. Present in mature spermatozoa (at protein level).
<b>序列相似性</b>	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.
<b>翻译后修饰</b>	Autophosphorylated.
<b>细胞定位</b>	Cytoplasm. Cytoplasm > cytoskeleton > centrosome > centriole. Present in the cytoplasm of elongating spermatids. In spermatozoa, localizes in the equatorial segment, neck, the midpiece and in a specific sperm head compartment (By similarity). In spermatids, concentrates in centrioles during flagellogenesis.

## 图片



TSSK2 antibody (ab57189) at 1ug/lane + HL-60 cell lysate at 25ug/lane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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