

### Anti-TACC3 antibody [EPR7756] ab134154

敲除验证
重组
RabMAb

[19 References](#)
[11 图像](#)

#### 概述

<b>产品名称</b>	Anti-TACC3抗体[EPR7756]
<b>描述</b>	兔单克隆抗体[EPR7756] to TACC3
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> WB, IHC-P, ICC/IF
<b>种属反应性</b>	<b>与反应:</b> Mouse, Rat, Human
<b>免疫原</b>	Synthetic peptide within Human TACC3 aa 50-150. The exact sequence is proprietary. Database link: <a href="#">Q9Y6A5</a>
<b>阳性对照</b>	WB: Human lymph node tissue lysate. Mouse and rat testis tissue lysate. HEK293T, HCT116, HT-29 and HeLa whole cell lysate ( <a href="#">ab150035</a> ). IHC-P: Human testis and tonsil tissues. ICC/IF: HeLa cells.
<b>常规说明</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
<b>存储溶液</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
<b>纯度</b>	Protein A purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	EPR7756

同种型

IgG

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab134154 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 90 kDa.
IHC-P		1/100 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See <a href="#">IHC antigen retrieval protocols</a> . <b>For unpurified use at 1/50 - 1/100.</b>
ICC/IF		1/200 - 1/400. <b>For unpurified use at 1/50 - 1/100.</b>

## 靶标

### 功能

Plays a role in the microtubule-dependent coupling of the nucleus and the centrosome. Involved in the processes that regulate centrosome-mediated interkinetic nuclear migration (INM) of neural progenitors (By similarity). May be involved in the control of cell growth and differentiation. May contribute to cancer.

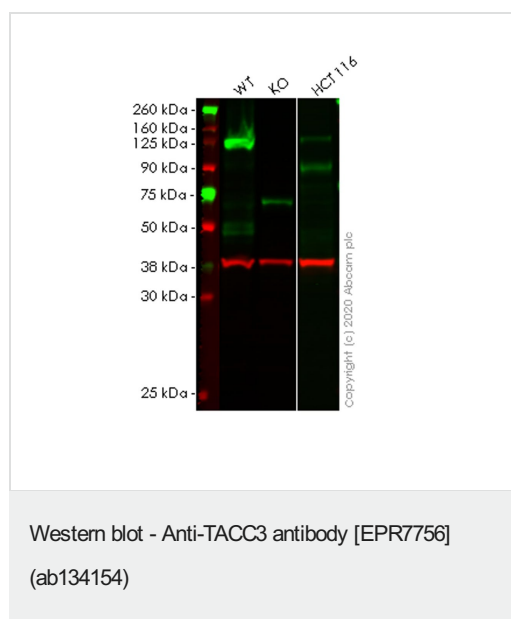
### 序列相似性

Belongs to the TACC family.

### 细胞定位

Cytoplasm.

## 图片



**All lanes** : Anti-TACC3 antibody [EPR7756] (ab134154) at 1/1000 dilution

**Lane 1** : Wild-type HEK293T cell lysate

**Lane 2** : TACC3 knockout HEK293T cell lysate

**Lane 3** : HCT116 cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

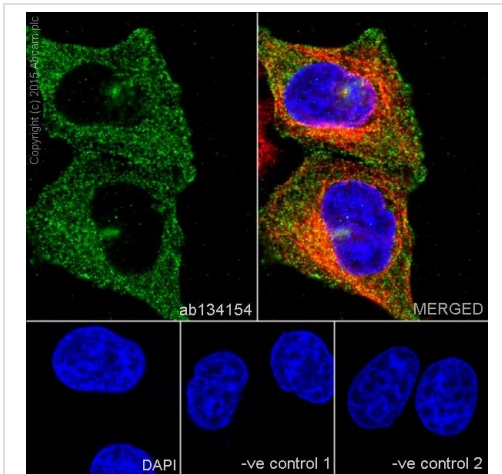
**All lanes** : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

**Predicted band size:** 90 kDa

**Observed band size:** 125 kDa

**Lanes 1-3:** Merged signal (red and green). Green - ab134154 observed at 125 kDa. Red - loading control **ab8245** observed at 36 kDa.

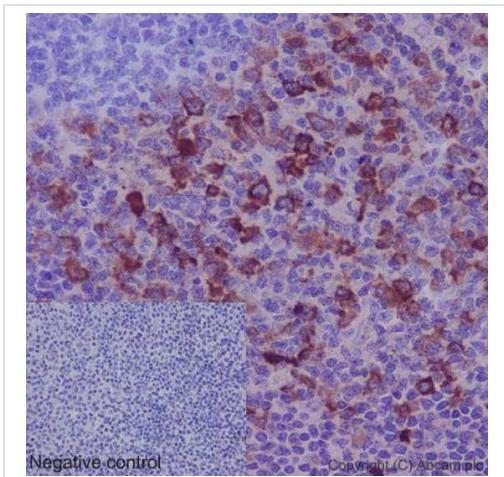
ab134154 Anti-TACC3 antibody [EPR7756] was shown to specifically react with TACC3 in wild-type HEK293T cells. Loss of signal was observed when knockout cell line **ab266316** (knockout cell lysate **ab257723**) was used. Wild-type and TACC3 knockout samples were subjected to SDS-PAGE. ab134154 and Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Immunocytochemistry/Immunofluorescence analysis of HeLa cells labelling TACC3 with purified ab134154 at 1/200. Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. An Alexa Fluor® 555-conjugated goat anti-rabbit IgG (1/500) was used as the secondary antibody. DAPI (blue) was used as the nuclear counterstain.

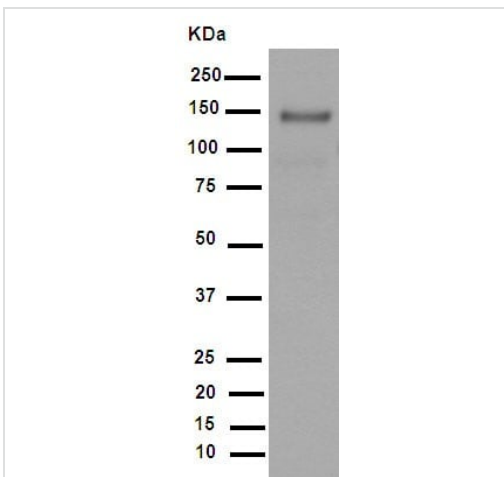
Control: primary antibody (1/200) and secondary antibody, **ab150113**, an Alexa Fluor® 488-conjugated goat anti-mouse IgG (1/500).

Immunocytochemistry/ Immunofluorescence - Anti-TACC3 antibody [EPR7756] (ab134154)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TACC3 antibody [EPR7756] (ab134154)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling TACC3 with purified ab134154 at 1/100. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Negative control using PBS instead of primary antibody. Counterstained with Hematoxylin.



Western blot - Anti-TACC3 antibody [EPR7756] (ab134154)

Anti-TACC3 antibody [EPR7756] (ab134154) at 1/2000 dilution (purified) + HeLa cell lysate at 20 µg

**Secondary**

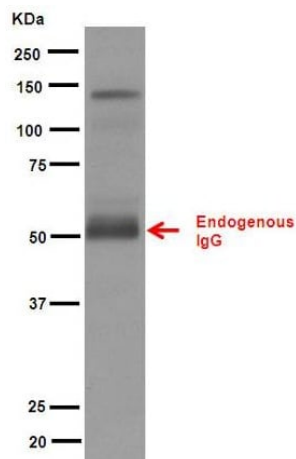
Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

**Predicted band size:** 90 kDa

**Observed band size:** 140 kDa

Blocking buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm /TBST.



Western blot - Anti-TACC3 antibody [EPR7756] (ab134154)

Anti-TACC3 antibody [EPR7756] (ab134154) at 1/10000 dilution (purified) + Human lymph node tissue lysate at 10 µg

**Secondary**

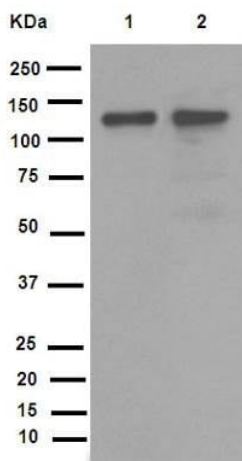
Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

**Predicted band size:** 90 kDa

**Observed band size:** 140 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-TACC3 antibody [EPR7756] (ab134154)

**All lanes :** Anti-TACC3 antibody [EPR7756] (ab134154) at 1/10000 dilution (purified)

**Lane 1 :** Mouse testis tissue lysate

**Lane 2 :** Rat testis tissue lysate

Lysates/proteins at 20 µg per lane.

**Secondary**

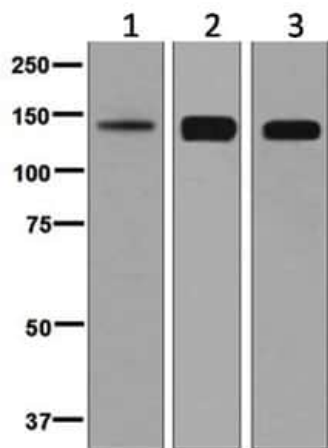
**All lanes :** Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

**Predicted band size:** 90 kDa

**Observed band size:** 140 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-TACC3 antibody [EPR7756] (ab134154)

**All lanes** : Anti-TACC3 antibody [EPR7756] (ab134154) at 1/1000 dilution (unpurified)

**Lane 1** : Human lymph node tissue lysate

**Lane 2** : HT-29 cell lysate

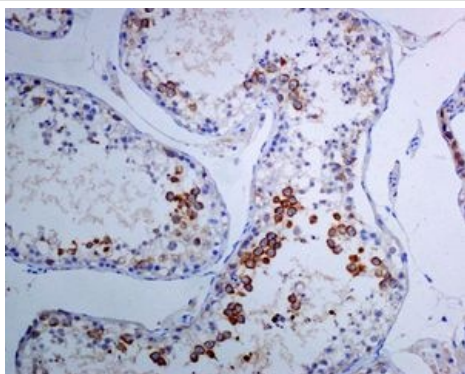
**Lane 3** : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes** : HRP-conjugated goat anti-rabbit IgG at 1/2000 dilution

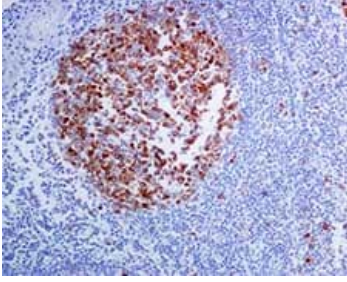
**Predicted band size:** 90 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TACC3 antibody [EPR7756] (ab134154)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis tissue labelling TACC3 with unpurified ab134154 at 1/50 dilution.

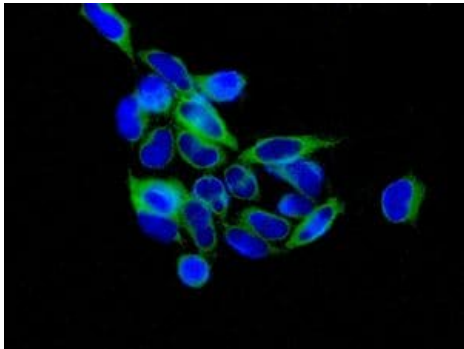
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TACC3 antibody [EPR7756] (ab134154)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling TACC3 with unpurified ab134154 at 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-TACC3 antibody [EPR7756] (ab134154)

Immunocytochemistry/Immunofluorescence analysis of HeLa cells labelling TACC3 with unpurified ab134154 at 1/50 dilution.

### Why choose a recombinant antibody?

 <b>Research with confidence</b> Consistent and reproducible results	 <b>Long-term and scalable supply</b> Recombinant technology
 <b>Success from the first experiment</b> Confirmed specificity	 <b>Ethical standards compliant</b> Animal-free production

Anti-TACC3 antibody [EPR7756] (ab134154)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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