

# Anti-BAT3/BAG-6 antibody ab88292

**3 References**   **3 图像**

### 概述

产品名称	Anti-BAT3/BAG-6抗体
描述	小鼠多克隆抗体to BAT3/BAG-6
宿主	Mouse
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant full length protein within Human BAT3/BAG-6. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b><u>contact</u></b> our Scientific Support team to discuss your requirements. Database link: <b><u>NP_542433.1</u></b>

### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 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	pH: 7.40 Constituent: 100% PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

### 应用

The Abpromise guarantee

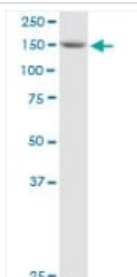
Abpromise™承诺保证使用ab88292于以下的经测试应用

“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		Use a concentration of 1 µg/ml. Predicted molecular weight: 119 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

靶标	
功能	Chaperone that plays a key role in various processes such as apoptosis, insertion of tail-anchored (TA) membrane proteins to the endoplasmic reticulum membrane and regulation of chromatin. Acts in part by regulating stability of proteins and their degradation by the proteasome. Participates in endoplasmic reticulum stress-induced apoptosis via its interaction with AIFM1/AIF by regulating AIFM1/AIF stability and preventing its degradation. Also required during spermatogenesis for synaptonemal complex assembly via its interaction with HSPA2, by inhibiting polyubiquitination and subsequent proteasomal degradation of HSPA2. Required for selective ubiquitin-mediated degradation of defective nascent chain polypeptides by the proteasome. In this context, may play a role in immuno-proteasomes to generate antigenic peptides via targeted degradation, thereby playing a role in antigen presentation in immune response. Key component of the BAG6/BAT3 complex, a cytosolic multiprotein complex involved in the post-translational delivery of tail-anchored (TA) membrane proteins to the endoplasmic reticulum membrane. TA membrane proteins, also named type II transmembrane proteins, contain a single C-terminal transmembrane region. BAG6/BAT3 acts by facilitating TA membrane proteins capture by ASNA1/TRC40: it is recruited to ribosomes synthesizing membrane proteins, interacts with the transmembrane region of newly released TA proteins and transfers them to ASNA1/TRC40 for targeting to the endoplasmic reticulum membrane. Also involved in DNA damage-induced apoptosis: following DNA damage, accumulates in the nucleus and forms a complex with p300/EP300, enhancing p300/EP300-mediated p53/TP53 acetylation leading to increase p53/TP53 transcriptional activity. When nuclear, may also act as a component of some chromatin regulator complex that regulates histone 3 'Lys-4' dimethylation (H3K4me2).
序列相似性	Contains 1 ubiquitin-like domain.
翻译后修饰	Cleavage by caspase-3 releases a C-terminal peptide that plays a role in ricin-induced apoptosis. In case of infection by L.pneumophila, ubiquitinated by the SCF(LegU1) complex.
细胞定位	Cytoplasm > cytosol. Nucleus. The C-terminal fragment generated by caspase-3 is cytoplasmic.

图片



Western blot - Anti-BAT3/BAG-6 antibody (ab88292)

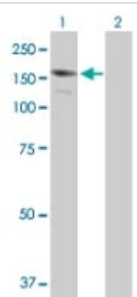
Anti-BAT3/BAG-6 antibody (ab88292) at 1 µg/ml + A-431 cell lysate with BAT3 / BAG-6 expression at 50 µg

#### Secondary

Goat Anti-Mouse IgG at 1/2500 dilution

**Predicted band size:** 119 kDa

**Observed band size:** 150 kDa



Western blot - Anti-BAT3/BAG-6 antibody (ab88292)

**All lanes :** Anti-BAT3/BAG-6 antibody (ab88292) at 1 µg/ml

**Lane 1 :** BAT3/BAG-6 transfected 293T cell lysate

**Lane 2 :** Non-transfected 293T cell lysate

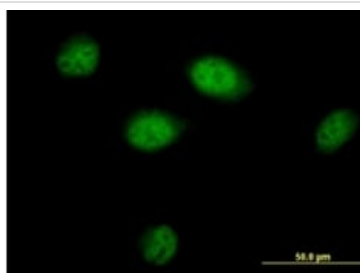
Lysates/proteins at 50 µg per lane.

#### Secondary

**All lanes :** Goat Anti-Mouse IgG at 1/2500 dilution

**Predicted band size:** 119 kDa

**Observed band size:** 150 kDa



Immunocytochemistry/ Immunofluorescence - Anti-BAT3/BAG-6 antibody (ab88292)

Immunofluorescence of ab88292 on HeLa cell with antibody concentration at 10 ug/ml

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

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