

Product datasheet

Anti-TRAF6 antibody ab94769

5 图像

概述

产品名称	Anti-TRAF6抗体
描述	兔多克隆抗体to TRAF6
宿主	Rabbit
经测试应用	适用于: WB, IHC-Fr, IHC-P, IP
种属反应性	与反应: Mouse, Rat, Cow, Human 预测可用于: Pig, Rhesus monkey 
免疫原	Synthetic peptide: DAKPELLAFQRPTIPRNPK , corresponding to amino acids 451-469 of Human TRAF6, GenBank no. NP_665802.1. <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

阳性对照

购买相配的WB阳性对照  
**Recombinant Human TRAF6 protein** >

Human testis, kidney, pancreas, prostate, thymus, aorta or epidermis cytoplasmic or nuclear lysate. Mouse lymph node, bone marrow, spleen or thymus tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.05% Sodium Azide Constituents: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab94769** in the following tested applications.

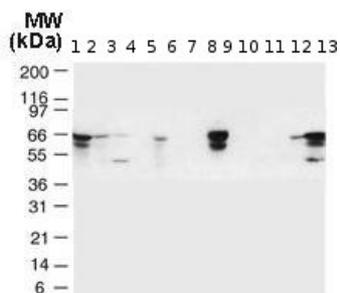
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/1000 - 1/2000. Predicted molecular weight: 60 kDa.
IHC-Fr		Use at an assay dependent concentration.
IHC-P		1/1000 - 1/5000.
IP		1/50 - 1/200.

## 靶标

<b>功能</b>	E3 ubiquitin ligase that, together with UBE2N and UBE2V1, mediates the synthesis of 'Lys-63'-linked-polyubiquitin chains conjugated to proteins, such as IKBKG, AKT1 and AKT2. Also mediates ubiquitination of free/unanchored polyubiquitin chain that leads to MAP3K7 activation. Leads to the activation of NF-kappa-B and JUN. May be essential for the formation of functional osteoclasts. Seems to also play a role in dendritic cells (DCs) maturation and/or activation. Represses c-Myb-mediated transactivation, in B lymphocytes. Adapter protein that seems to play a role in signal transduction initiated via TNF receptor, IL-1 receptor and IL-17 receptor.
<b>组织特异性</b>	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
<b>通路</b>	Protein modification; protein ubiquitination.
<b>序列相似性</b>	Belongs to the TNF receptor-associated factor family. A subfamily. Contains 1 MATH domain. Contains 1 RING-type zinc finger. Contains 2 TRAF-type zinc fingers.
<b>结构域</b>	The coiled coil domain mediates homo- and hetero-oligomerization. The MATH/TRAF domain binds to receptor cytoplasmic domains.
<b>翻译后修饰</b>	Sumoylated on Lys-124, Lys-142 and Lys-453 by SUMO1. Polyubiquitinated on Lys-124; after cell stimulation with IL-1-beta or TGF-beta. This ligand-induced cell stimulation leads to dimerization/oligomerization of TRAF6 molecules, followed by auto-ubiquitination which involves UBE2N and UBE2V1 and leads to TRAF6 activation. This 'Lys-63' site-specific poly-ubiquitination appears to be associated with the activation of signaling molecules. Endogenous autoubiquitination occurs only for the cytoplasmic form.
<b>细胞定位</b>	Cytoplasm. Cytoplasm > cell cortex. Nucleus. Found in the nuclei of some aggressive B-cell lymphoma cell lines as well as in the nuclei of both resting and activated T-and B-lymphocytes. Found in punctate nuclear body protein complexes. Ubiquitination may occur in the cytoplasm and sumoylation in the nucleus.

## 图片



Western blot - Anti-TRAF6 antibody (ab94769)

**All lanes :** Anti-TRAF6 antibody (ab94769) at 1/2000 dilution

- Lane 1 :** Human testis lysate
- Lane 2 :** Human kidney lysate
- Lane 3 :** Human pancreas lysate
- Lane 4 :** Human liver lysate
- Lane 5 :** Human prostate lysate
- Lane 6 :** Human breast lysate
- Lane 7 :** Human colon lysate
- Lane 8 :** Human thymus lysate
- Lane 9 :** Human lymph node lysate
- Lane 10 :** Human spleen lysate
- Lane 11 :** Human lung lysate
- Lane 12 :** Human aorta lysate
- Lane 13 :** Human epidermis lysate

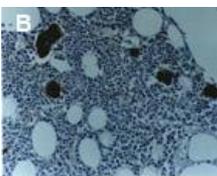
**Predicted band size:** 60 kDa

**Observed band size:** 66 kDa



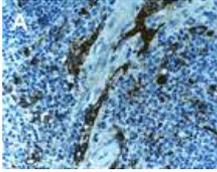
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRAF6 antibody (ab94769)

ab94769, at a 1/2000 dilution, staining mouse TRAF6 in lymph node, by Immunohistochemistry, Formalin/PFA-fixed paraffin-embedded tissue (hematoxylin-eosin counterstain).



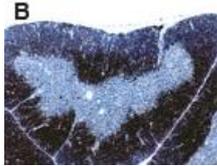
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRAF6 antibody (ab94769)

ab94769, at a 1/2000 dilution, staining mouse TRAF6 in bone marrow by Immunohistochemistry, Formalin/PFA fixed Paraffin embedded tissue (hematoxylin-eosin counterstain).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRAF6 antibody (ab94769)

ab94769, at a 1/2000 dilution, staining mouse TRAF6 in spleen, using Immunohistochemistry, Formalin/PFA fixed Paraffin embedded tissue (hematoxylin-eosin counterstain).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRAF6 antibody (ab94769)

ab94769, at a 1/2000 dilution, staining mouse TRAF6 in thymus by Immunohistochemistry, Formalin/PFA fixed Paraffin embedded tissue (hematoxylin-eosin counterstain).

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

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