

Anti-TRAF6 antibody ab62488

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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, ICC, ICC/IF
种属反应性	与反应: Human
免疫原	A 14 amino acid synthetic peptide from near the C terminus of human TRAF6
阳性对照	PC3 cell lysate and K562 cells
常规说明	<p>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.</p> <p>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</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Ion Exchange Chromatography
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab62488于以下的经测试应用

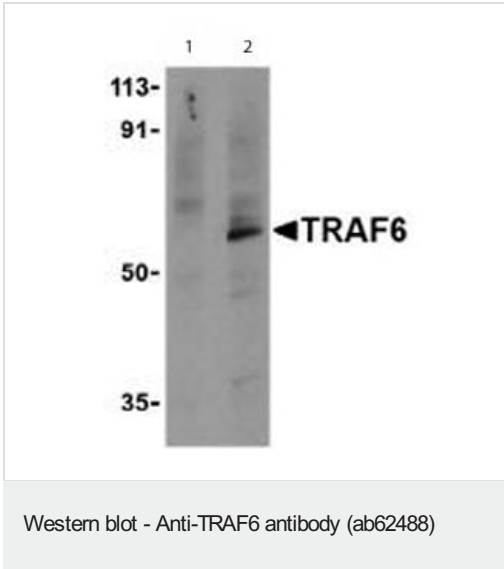
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 63 kDa (predicted molecular weight: 63 kDa).
ICC		Use a concentration of 0.5 - 20 µg/ml.
ICC/IF		Use a concentration of 0.5 - 20 µg/ml.

靶标

功能	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.
组织特异性	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
通路	Protein modification; protein ubiquitination.
序列相似性	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.
结构域	The coiled coil domain mediates homo- and hetero-oligomerization. The MATH/TRAF domain binds to receptor cytoplasmic domains.
翻译后修饰	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.
细胞定位	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



All lanes : Anti-TRAF6 antibody (ab62488) at 1 µg/ml

Lane 1 : PC3 cell lysates, with 1 µg blocking peptide

Lane 2 : PC3 cell lysates, without blocking peptide

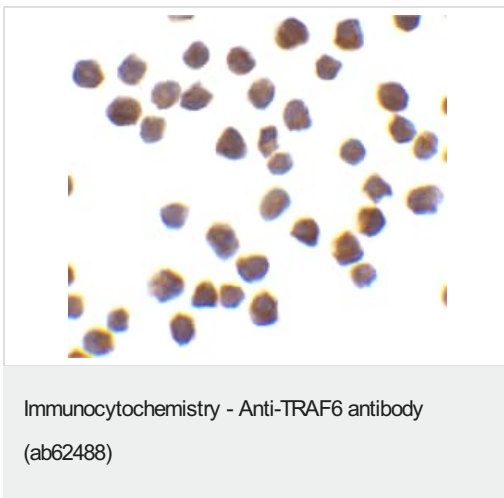
Lysates/proteins at 15 µg per lane.

Secondary

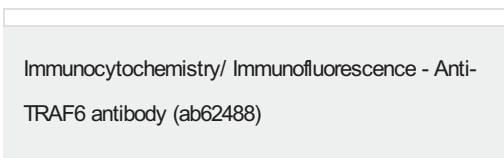
All lanes : Anti-rabbit IgG

Predicted band size: 63 kDa

Observed band size: 63 kDa



Immunocytochemistry of TRAF6 in K562 cells with ab62488 antibody at 0.5 µg/ml.



Immunofluorescence of TRAF6 in K562 cells using ab62488 at 20 µg/ml.

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

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