

Anti-Ubiquitin antibody ab19247

★★★★★ [5 Abreviews](#) [53 References](#) [2 图像](#)

概述

产品名称	Anti-Ubiquitin抗体
描述	兔多克隆抗体to Ubiquitin
宿主	Rabbit
特异性	It can identify free ubiquitin as well as ubiquitinated proteins. The antibody recognizes polyubiquitin chains more strongly than monoubiquitinated molecules.
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human, <i>Saccharomyces cerevisiae</i>
免疫原	Full length native protein (purified) corresponding to Cow Ubiquitin conjugated to Keyhole Limpet Haemocyanin (KLH).
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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol</p>
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ab19247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	★★★★★ (3)	1/1000 - 1/5000. Predicted molecular weight: 10 kDa.

靶标

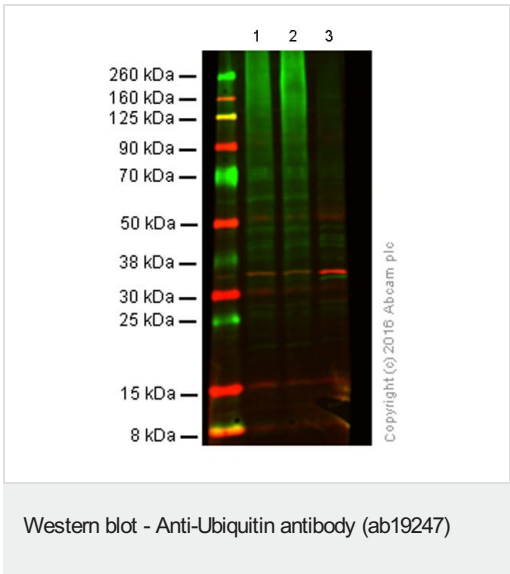
相关性

Function: Ubiquitin exists either covalently attached to another protein, or free (unanchored). When covalently bound, it is conjugated to target proteins via an isopeptide bond either as a monomer (monoubiquitin), a polymer linked via different Lys residues of the ubiquitin (polyubiquitin chains) or a linear polymer linked via the initiator Met of the ubiquitin (linear polyubiquitin chains). Polyubiquitin chains, when attached to a target protein, have different functions depending on the Lys residue of the ubiquitin that is linked: Lys-6-linked may be involved in DNA repair; Lys-11-linked is involved in ERAD (endoplasmic reticulum-associated degradation) and in cell-cycle regulation; Lys-29-linked is involved in lysosomal degradation; Lys-33-linked is involved in kinase modification; Lys-48-linked is involved in protein degradation via the proteasome; Lys-63-linked is involved in endocytosis, DNA-damage responses as well as in signaling processes leading to activation of the transcription factor NF-kappa-B. Linear polymer chains formed via attachment by the initiator Met lead to cell signaling. Ubiquitin is usually conjugated to Lys residues of target proteins, however, in rare cases, conjugation to Cys or Ser residues has been observed. When polyubiquitin is free (unanchored-polyubiquitin), it also has distinct roles, such as in activation of protein kinases, and in signaling. Similarity: Belongs to the ubiquitin family. Contains 3 ubiquitin-like domains.

细胞定位

Cell Membrane, Cytoplasmic and Nuclear

图片



All lanes :

Lane 1 : HeLa cell lysate (Control, untreated)

Lane 2 : HeLa cells treated with MG132 (50 uM for 90 min)

Lane 3 : Mouse Brain

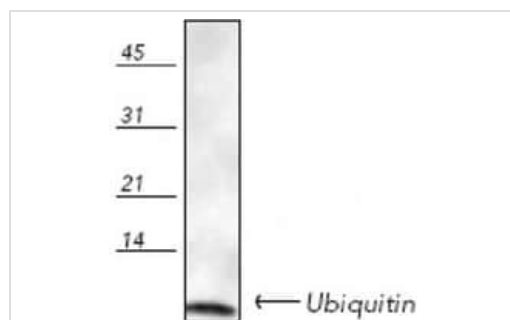
Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

Predicted band size: 10 kDa

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being

transferred onto a nitrocellulose membrane at 30V for 70 minutes. ab19247 and **ab8245 (loading control to GAPDH)** were diluted 1/200 and 1/10000 respectively and incubated overnight at 4°C. Blots were developed with goat anti-rabbit IgG (H + L) and goat anti-mouse IgG (H + L) secondary antibodies at 1/10 000 dilution for 1 h at room temperature before imaging using the Licor Odyssey CLx.



Western blot - Anti-Ubiquitin antibody (ab19247)

Anti-Ubiquitin antibody (ab19247) at 1/1000 dilution + Heat-shocked HeLa cell lysate

Predicted band size: 10 kDa

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

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