

Anti-UBE3A antibody [EPR7330] ab126765

重组 RabMAb

★★★★★ 1 Abreviews 7 References 5 图像

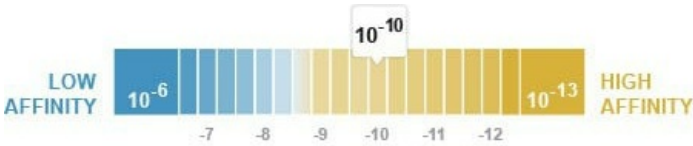
概述

产品名称	Anti-UBE3A抗体[EPR7330]
描述	兔单克隆抗体[EPR7330] to UBE3A
宿主	Rabbit
经测试应用	适用于: WB 不适用于: ICC/IF or IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Jurkat, HeLa, and K562 cell lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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. Avoid freeze / thaw cycle.

解离常数 (K_D) K_D = 1.33 x 10⁻¹⁰ M



存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide
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	Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR7330
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab126765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。

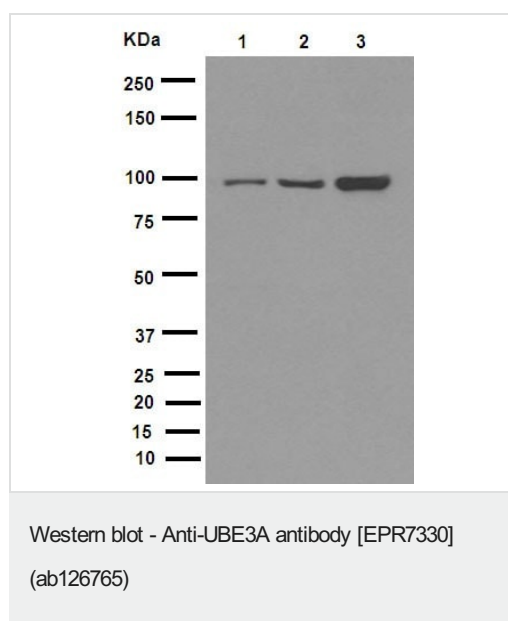
应用	Ab评论	说明
WB		1/2000 - 1/10000. Predicted molecular weight: 100 kDa. For unpurified use at 1/1000 - 1/1000.

应用说明 Is unsuitable for ICC/IF or IHC-P.

靶标

功能	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and transfers it to its substrates. Several substrates have been identified including the RAD23A and RAD23B, MCM7 (which is involved in DNA replication), annexin A1, the PML tumor suppressor, and the cell cycle regulator CDKN1B. Catalyzes the high-risk human papilloma virus E6-mediated ubiquitination of p53/TP53, contributing to the neoplastic progression of cells infected by these viruses. Additionally, may function as a cellular quality control ubiquitin ligase by helping the degradation of the cytoplasmic misfolded proteins. Finally, UBE3A also promotes its own degradation in vivo. Plays an important role in the regulation of the circadian clock: involved in the ubiquitination of the core clock component ARNTL/BMAL1, leading to its proteasomal degradation (PubMed:24728990).
通路	Protein modification; protein ubiquitination.
疾病相关	Angelman syndrome
序列相似性	Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.
翻译后修饰	Phosphorylation at Tyr-659 by ABL1 impairs E3 ligase activity and protects p53/TP53 from degradation in (HPV)-infected cells.
细胞定位	Nucleus. Cytoplasm.

图片



All lanes : Anti-UBE3A antibody [EPR7330] (ab126765) at 1/10000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Rat brain lysate

Lane 3 : Rat spleen lysate

Lysates/proteins at 20 µg per lane.

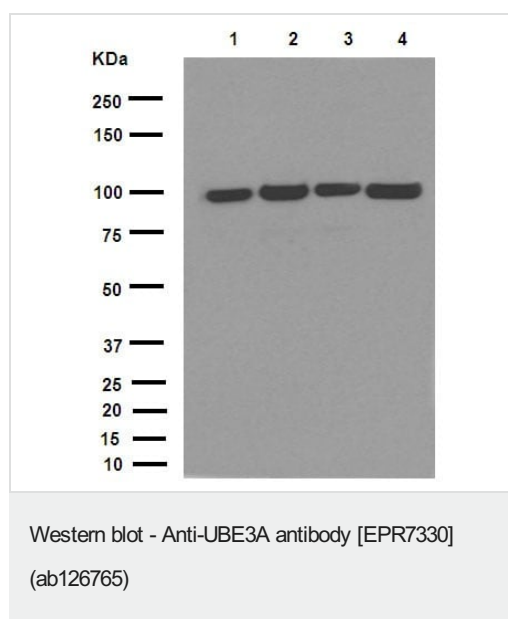
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), HRP-conjugated at 1/1000 dilution

Predicted band size: 100 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



All lanes : Anti-UBE3A antibody [EPR7330] (ab126765) at 1/10000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : K562 cell lysate

Lane 4 : 293 cell lysate

Lysates/proteins at 20 µg per lane.

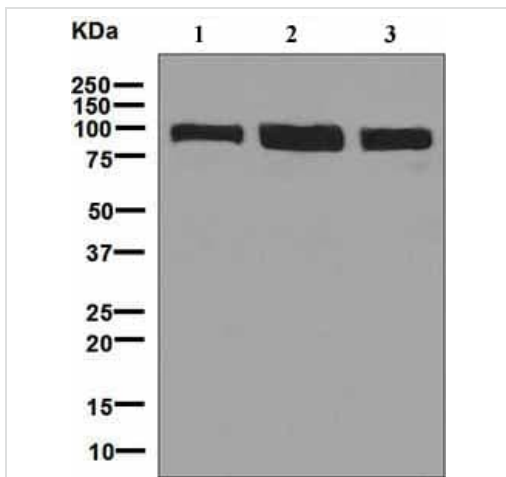
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), HRP-conjugated at 1/1000 dilution

Predicted band size: 100 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-UBE3A antibody [EPR7330]
(ab126765)

All lanes : Anti-UBE3A antibody [EPR7330] (ab126765) at 1/1000 dilution (unpuified)

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

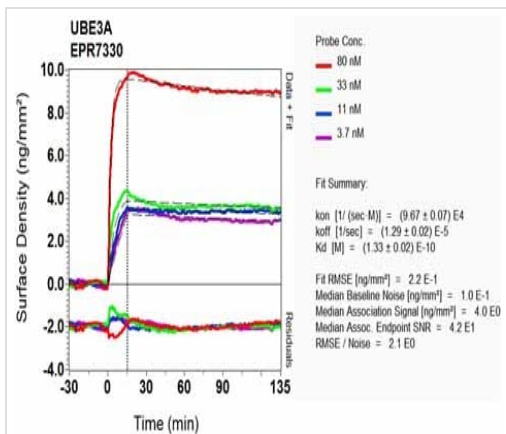
Lane 3 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 100 kDa



OIR-D Scanning - Anti-UBE3A antibody [EPR7330]
(ab126765)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-UBE3A antibody [EPR7330] (ab126765)

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

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