


Anti-NEDD4 antibody ab117826

★★★★★ [1 Abreviews](#) [1 图像](#)

概述

产品名称	Anti-NEDD4抗体
描述	兔多克隆抗体to NEDD4
宿主	Rabbit
经测试应用	适用于: IP
种属反应性	与反应: Human 预测可用于: Rabbit, Horse, Cow, Dog, Chimpanzee, Gorilla, Orangutan 
免疫原	Synthetic peptide, corresponding to a region within amino acids 725-775 of Human NEDD4 according to AAI36606.1
阳性对照	HeLa whole cell lysate
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 7</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 99% Tris citrate/phosphate</p> <p>pH: 7-8</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab117826于以下的经测试应用

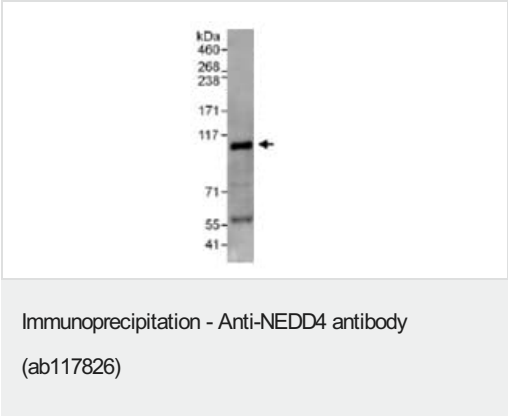
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP	★★★★☆ (1)	Use at 2-10 µg/mg of lysate.

靶标

功能	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Involved in the pathway leading to the degradation of VEGFR-2/KDFR, independently of its ubiquitin-ligase activity. Monoubiquitinates IGF1R at multiple sites, thus leading to receptor internalization and degradation in lysosomes. According to PubMed:18562292 the direct link between NEDD4 and PTEN regulation through polyubiquitination described in PubMed:17218260 is questionable. Involved in ubiquitination of ERBB4 intracellular domain E4ICD. Involved in the budding of many viruses. Part of a signaling complex composed of NEDD4, RAP2A and TNIK which regulates neuronal dendrite extension and arborization during development. Ubiquitinates TNK2 and regulates EGF-induced degradation of EGFR and TNF2.
通路	Protein modification; protein ubiquitination.
序列相似性	Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain. Contains 4 WW domains.
结构域	The WW domains mediate interaction with LITAF, RNF11, WBP1, WBP2, TMEPAI, NDFIP1 and PRRG2.
翻译后修饰	Auto-ubiquitinated.
细胞定位	Cytoplasm. Cell membrane. Recruited to the plasma membrane by GRB10. Once complexed with GRB10 and IGF1R, follows IGF1R internalization, remaining associated with early endosomes. Uncouples from IGF1R-containing endosomes before the sorting of the receptor to the lysosomal compartment (By similarity). May be recruited to exosomes by NDFIP1.

图片



Detection of Human NEDD4 in HeLa whole cell lysates (1 mg for IP, 20% of IP loaded) using ab117826 at 6 µg/mg of lysate.

Subsequent WB detection was done using another anti Human NEDD4 antibody. Detection: Chemiluminescence with exposure time of 30 seconds.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors