


### Anti-NALP2 antibody ab115614

#### 1 图像

#### 概述

产品名称	Anti-NALP2抗体
描述	兔多克隆抗体to NALP2
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human NALP2 (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab125849</a> )
阳性对照	Human Brain Cortex tissue.
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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: 99% PBS
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 ab115614 于以下的经测试应用

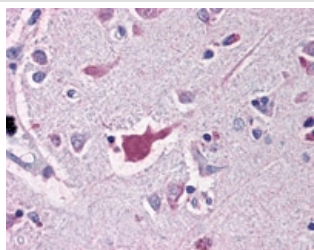
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## 靶标

功能	Suppresses TNF- and CD40-induced NFκB1 activity at the level of the IKK complex, by inhibiting NFκB1A degradation induced by TNF. When associated with PYCARD, activates CASP1, leading to the secretion of mature proinflammatory cytokine IL1β. May be a component of the inflammasome, a protein complex which also includes PYCARD, CARD8 and CASP1 and whose function would be the activation of proinflammatory caspases.
组织特异性	Expressed at high levels in lung, placenta and thymus and at lower levels in ovary, intestine and brain.
序列相似性	Belongs to the NLRP family. Contains 1 DAPIN domain. Contains 8 LRR (leucine-rich) repeats. Contains 1 NACHT domain.
结构域	The DAPIN domain is necessary and sufficient for suppression of NFκB1 activation induced by TNF and for inducing IL1β secretion in collaboration with caspase-1. It is involved in interaction with PYCARD. When isolated, the NACHT domain is involved in interaction with CARD8. This interaction is not detected for the full-length protein, maybe due to autoinhibition, this inhibition might be relieved by an inducible change in protein folding.
细胞定位	Cytoplasm.

## 图片



ab115614, at 5µg/ml, staining NLRP2 in Formalin-fixed, Paraffin-embedded Human brain cortex tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NALP2 antibody (ab115614)

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

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- 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.

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