

## Product datasheet

# Anti-NALP12/NLRP12 antibody ab105409

[2 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-NALP12/NLRP12 antibody
<b>Description</b>	Rabbit polyclonal to NALP12/NLRP12
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human NALP12/NLRP12 (N terminal). Database link: <a href="#">P59046</a>
<b>Positive control</b>	Human brain tissue lysate
<b>General notes</b>	<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>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab105409 in the following tested applications.

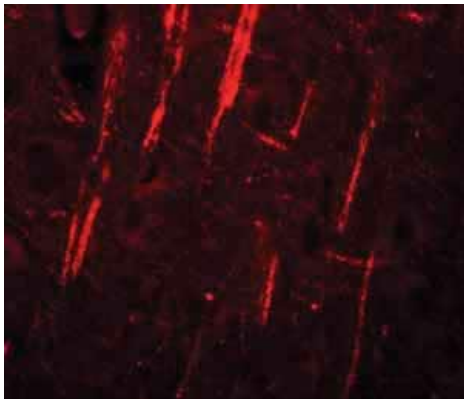
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 120 kDa.
IHC-P		Use at an assay dependent concentration.

## Target

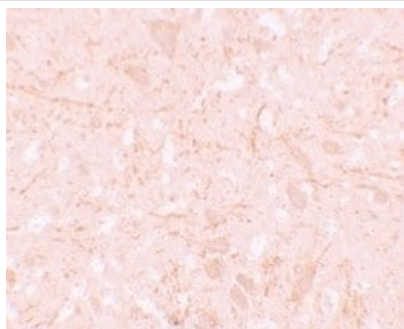
<b>Function</b>	May mediate activation of CASP1 via ASC and promote activation of NF-kappa-B via IKK.
<b>Tissue specificity</b>	Detected only in peripheral blood leukocytes, predominantly in eosinophils and granulocytes, and at lower levels in monocytes.
<b>Involvement in disease</b>	Defects in NLRP12 are the cause of familial cold autoinflammatory syndrome type 2 (FCAS2) [MIM:611762]. FCAS are rare autosomal dominant systemic inflammatory diseases characterized by episodes of rash, arthralgia, fever and conjunctivitis after generalized exposure to cold.
<b>Sequence similarities</b>	Belongs to the NLRP family. Contains 1 DAPIN domain. Contains 8 LRR (leucine-rich) repeats. Contains 1 NACHT domain.
<b>Cellular localization</b>	Cytoplasm.

## Images



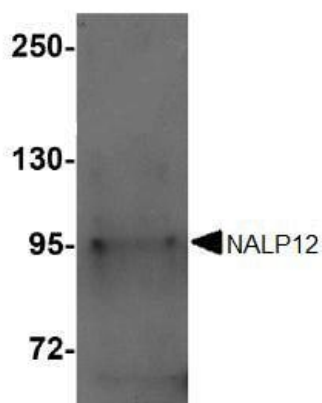
Immunofluorescence of NALP12/NLRP12 in Human brain tissue with ab105409 at 20 ug/mL.

Immunocytochemistry/ Immunofluorescence - Anti-NALP12/NLRP12 antibody (ab105409)



Immunohistochemistry of Human brain tissue with ab105409 5  $\mu\text{g/mL}$ .

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NALP12/NLRP12 antibody (ab105409)



Anti-NALP12/NLRP12 antibody (ab105409) at 1  $\mu\text{g/ml}$  + Human brain tissue lysate at 15  $\mu\text{g}$

**Predicted band size:** 120 kDa

Western blot - Anti-NALP12/NLRP12 antibody (ab105409)

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

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