

Anti-NINL antibody ab121110

[1 References](#) [2 图像](#)

概述

产品名称	Anti-NINL抗体
描述	兔多克隆抗体to NINL
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment, corresponding to amino acids 682-787 of Human NINL.
阳性对照	Human cerebellum tissue. ICC/IF: U2-OS cells
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	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
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ab121110于以下的经测试应用

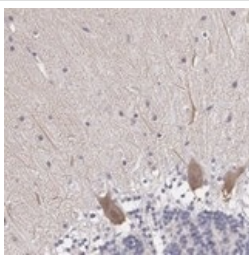
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/0.25 - 1/2. Fixation/Permeabilization: PFA/Triton X-100
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	Involved in the microtubule organization in interphase cells. Overexpression induces the fragmentation of the Golgi, and causes lysosomes to disperse toward the cell periphery; it also interferes with mitotic spindle assembly. May play a role in ovarian carcinogenesis.
组织特异性	Expressed in KYSE150 esophageal carcinoma, HeLa cervical carcinoma and U2OS osteosarcoma cells. Expression is regulated in a cell cycle-dependent manner and peaks during G2/M phase (at protein level). Expressed in fetal heart, skeletal muscle, liver, lung and cochlea, and in adult brain, testis, kidney and retina.
序列相似性	Contains 4 EF-hand domains.
结构域	The KEN and D (destructive) boxes are required for the cell cycle-controlled NINL degradation by the APC/C pathway.
翻译后修饰	Phosphorylated by PLK1 which disrupts its centrosome association and interaction with gamma-tubulin. Ubiquitinated by the APC/C complex leading to its degradation.
细胞定位	Cytoplasm > cytoskeleton > centrosome. Cytoplasm. In interphase cells, NINL is transported to the centrosomes by the dynein-dynactin motor complex. During centrosome maturation, PLK1 directly phosphorylates NINL resulting in its release into the cytoplasm.

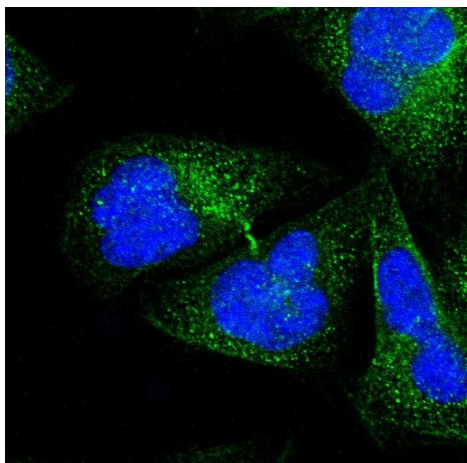
图片



ab121101 at 1/100 dilution staining NINL in Paraffin-embedded Human Cerebellum tissue by Immunohistochemistry.

Note: moderate cytoplasmic positivity in purkinje cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NINL antibody (ab121110)



Immunocytochemistry/ Immunofluorescence - Anti-NINL antibody (ab121110)

Immunocytochemistry/ Immunofluorescence analysis of U-2 OS labeling NINL with ab121110. The image shows localization to cytosol & cytokinetic bridge.

Fixation/Permeabilization: PFA/Triton X-100

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

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