abcam

Product datasheet

Anti-NUDC antibody [EPR5073] ab109318

重组　RabMAb

3 图像

概述

产品名称	Anti-NUDC抗体[EPR5073]
描述	兔单克隆抗体[EPR5073] to NUDC
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P
种属反应性	**与反应:** Human
	预测可用于: Mouse, Rat ⚠
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HepG2, 293T, HeLa and SH-SY5Y cell lysates IHC-P: Human brain tissue
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 -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5073
同种型	IgG

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		1/1000 - 1/10000. Detects a band of approximately 42 kDa (predicted molecular weight: 38 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

靶标

功能	Plays a role in neurogenesis and neuronal migration (By similarity). Necessary for correct formation of mitotic spindles and chromosome separation during mitosis. Necessary for cytokinesis and cell proliferation.
组织特异性	Ubiquitous. Highly expressed in fetal liver, kidney, lung and brain. Highly expressed in adult pancreas, kidney, skeletal muscle, liver, lung, placenta, prostate, brain and heart.
序列相似性	Belongs to the nudC family. Contains 1 CS domain.
翻译后修饰	Reversibly phosphorylated on serine residues during the M phase of the cell cycle. Phosphorylation on Ser-274 and Ser-326 is necessary for correct formation of mitotic spindles and chromosome separation during mitosis. Phosphorylated by PLK and other kinases.
细胞定位	Cytoplasm > cytoskeleton. Nucleus. In a filamentous pattern adjacent to the nucleus of migrating cerebellar granule cells. Colocalizes with tubulin and dynein and with the microtubule organizing center. Distributed throughout the cytoplasm of non-migrating cells. A small proportion is nuclear, in a punctate pattern.

图片
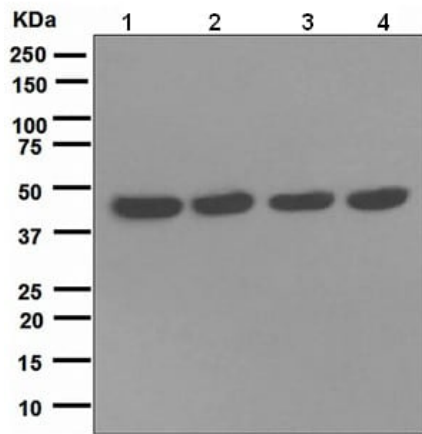
Western blot - Anti-NUDC antibody [EPR5073] (ab109318)

All lanes : Anti-NUDC antibody [EPR5073] (ab109318) at 1/1000 dilution

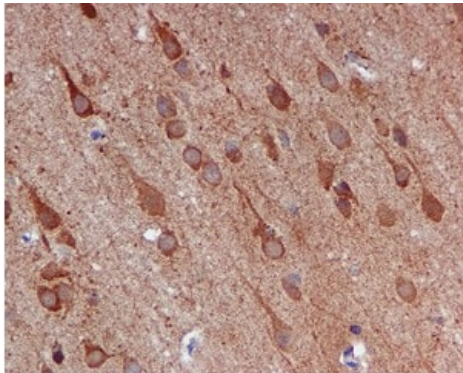**Lane 1 :** HepG2 lysate

Lane 2 : 293T lysate

Lane 3 : HeLa lysate

Lane 4 : SH-SY5Y lysate

Lysates/proteins at 10 μg per lane.

Predicted band size: 38 kDa

Observed band size: 42 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUDC antibody [EPR5073] (ab109318)

Immunohistochemical analysis of NUDC in paraffin embedded Human brain tissue, using ab109318 at a 1/250 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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-NUDC antibody [EPR5073] (ab109318)

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

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