

Anti-NLK antibody ab97642

★★★★☆ [4 Abreviews](#) [5 References](#) [5 图像](#)

概述

产品名称	Anti-NLK抗体
描述	兔多克隆抗体to NLK
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Recombinant fragment corresponding to Human NLK aa 284-500. Database link: Q9UBE8
阳性对照	WB: HeLa, HEK-293T cell extract. Mouse brain lysate. ICC/IF: HeLa cells. IHC-P: Mouse ovary 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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% 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ab97642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		1/100 - 1/1000.
WB	★★★★★ (3)	1/500 - 1/3000. Predicted molecular weight: 58 kDa.
ICC/IF		1/100 - 1/1000.

靶标

功能

Role in cell fate determination, required for differentiation of bone marrow stromal cells. Acts downstream of MAP3K7 and HIPK2 to negatively regulate the canonical Wnt/beta-catenin signaling pathway and the phosphorylation and destruction of the MYB transcription factor. May suppress a wide range of transcription factors by phosphorylation of the coactivator, CREBBP (By similarity). Involved in TGFbeta-mediated mesoderm induction, acting downstream of MAP3K7/TAK1 to phosphorylate STAT3.

序列相似性

Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.

Contains 1 protein kinase domain.

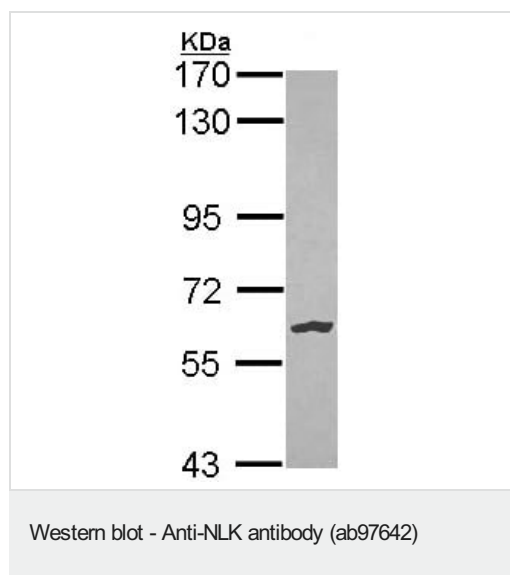
翻译后修饰

Dually phosphorylated on Thr-303 and Tyr-305, which activates the enzyme.

细胞定位

Nucleus. Cytoplasm. Predominantly nuclear. A smaller fraction is cytoplasmic.

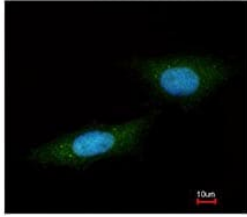
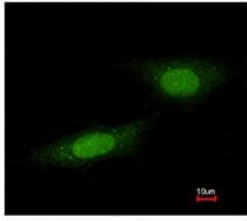
图片



Anti-NLK antibody (ab97642) at 1/1000 dilution + HeLa whole cell lysate at 30 µg

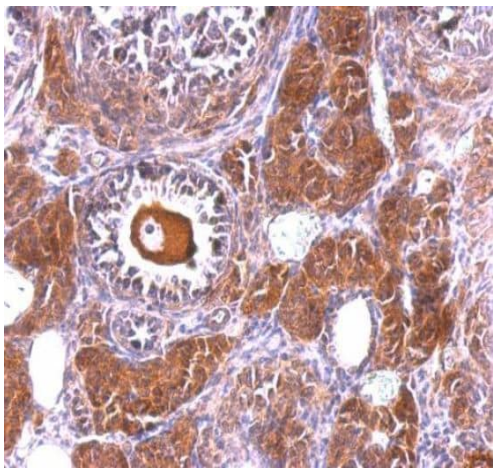
Predicted band size: 58 kDa

7.5% SDS-PAGE



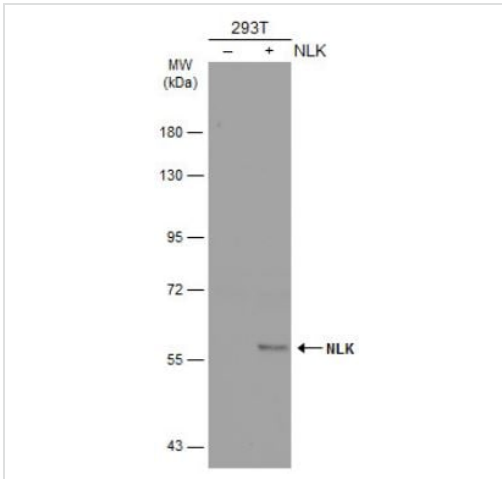
Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ab97642 at 1/100 dilution. Lower image is co-stained with Hoechst 33342.

Immunocytochemistry/ Immunofluorescence - Anti-NLK antibody (ab97642)



Paraffin embedded mouse ovary tissue stained for NLK using ab97642 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NLK antibody (ab97642)



Western blot - Anti-NLK antibody (ab97642)

All lanes : Anti-NLK antibody (ab97642) at 1/500 dilution

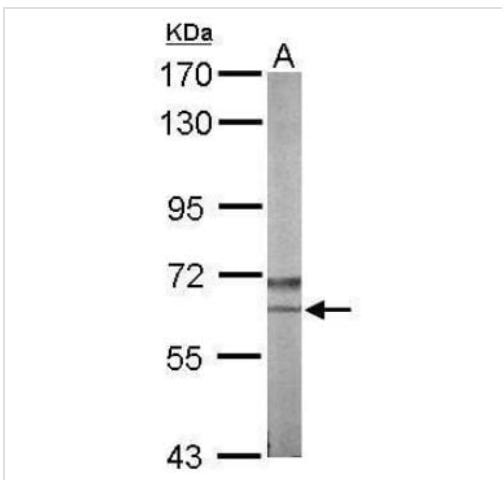
Lane 1 : Non-transfected HEK-293T whole cell extract

Lane 2 : Transfected HEK-293T whole cell extract

Lysates/proteins at 30 µg per lane.

Predicted band size: 58 kDa

10% SDS-PAGE



Western blot - Anti-NLK antibody (ab97642)

Anti-NLK antibody (ab97642) at 1/1000 dilution + Mouse brain whole cell lysate at 50 µg

Predicted band size: 58 kDa

7.5% SDS PAGE

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