

Product datasheet

Anti-Nucleoporin p62 antibody ab96134

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概述

产品名称	Anti-Nucleoporin p62抗体
描述	兔多克隆抗体to Nucleoporin p62
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, Rat, Human 预测可用于: Cow, Zebrafish, Rhesus monkey
免疫原	Recombinant fragment corresponding to a region within amino acids 294 - 502 of Human Nucleoporin p62 (NP_057637).
阳性对照	WB: A431, H1299, PC-12, Rat2, Neuro-2a, GL261, C8D30, NIH/3T3, BCL-1, RAW 264.7 and C2C12 whole cell lysate. ICC/IF: A431 cells. IHC-P: Mouse fore brain tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab96134** in the following tested applications.

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

应用	Ab评论	说明
IHC-P		1/100 - 1/1000.

应用	Ab评论	说明
WB	★★★★★	1/500 - 1/3000. Predicted molecular weight: 53 kDa.
ICC/IF	★★★★★	1/100 - 1/200.

靶标

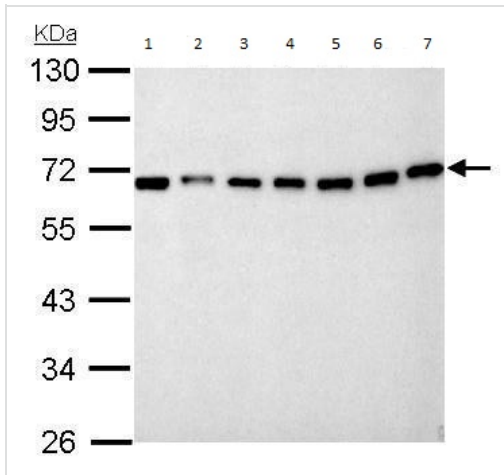
相关性

The nuclear pore complex is a structure that extends across the nuclear envelope and regulates the flow of macromolecules between the cytoplasm and the nucleus. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. Nup 62 is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. There are multiple transcript variants of this gene, however, they encode a single protein isoform. This protein undergoes post-translational modifications. It contains about 10 N-acetylglucosamine side chain sites.

细胞定位

Nucleus; nuclear pore complex. Cytoplasm; cytoskeleton; spindle pole. Note: Central region of the nuclear pore, within the transporter. During mitotic cell division, it associates with the poles of the mitotic spindle.

图片



Western blot - Anti-Nucleoporin p62 antibody (ab96134)

All lanes : Anti-Nucleoporin p62 antibody (ab96134) at 1/1000 dilution

Lane 1 : Neuro-2a (Mouse neuroblastoma cell line) whole cell lysate

Lane 2 : GL261 whole cell lysate

Lane 3 : C8D30 whole cell lysate

Lane 4 : NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate

Lane 5 : BCL-1 (mouse B lymphocyte lymphoma cell line) whole cell lysate

Lane 6 : RAW 264.7 (Mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate

Lane 7 : C2C12 (Mouse myoblast cell line) whole cell lysate

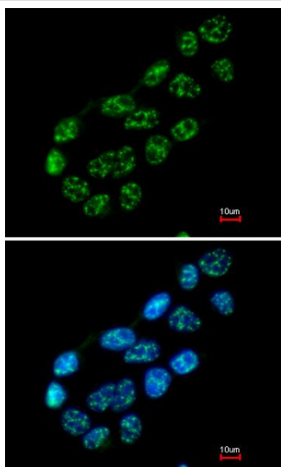
Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG

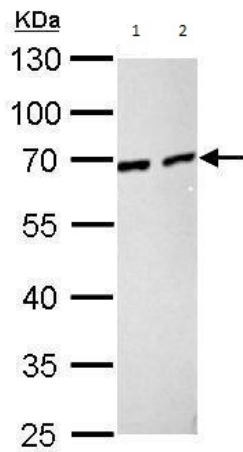
Predicted band size: 53 kDa

10% SDS-PAGE.



ab96134, at a 1/200 dilution, staining Nucleoporin p62 in paraformaldehyde fixed A431 by Immunofluorescence analysis. Lower image: merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-Nucleoporin p62 antibody (ab96134)



Western blot - Anti-Nucleoporin p62 antibody
(ab96134)

All lanes : Anti-Nucleoporin p62 antibody
(ab96134) at 1/1000 dilution

Lane 1 : PC-12 (Rat adrenal gland
pheochromocytoma cell line) whole cell lysate

Lane 2 : Rat2 (Rat fibroblast cell line) whole
cell lysate

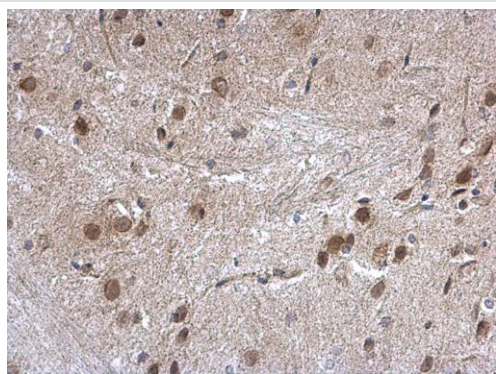
Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG

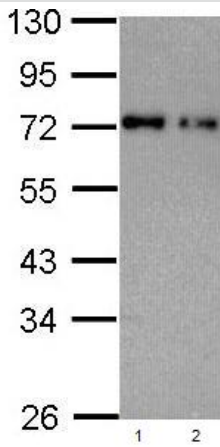
Predicted band size: 53 kDa

10% SDS-PAGE.



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-Nucleoporin p62 antibody
(ab96134)

Paraffin-embedded mouse fore brain tissue
stained for Nucleoporin p62 using ab96134 at
1/500 dilution in immunohistochemical
analysis.



Western blot - Anti-Nucleoporin p62 antibody (ab96134)

All lanes : Anti-Nucleoporin p62 antibody (ab96134) at 1/1000 dilution

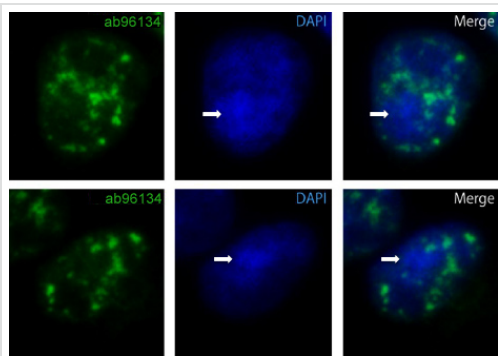
Lane 1 : A431 whole cell lysate

Lane 2 : H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 53 kDa

10% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-Nucleoporin p62 antibody (ab96134)

Immunofluorescence analysis of A431 cells, staining Nucleoporin p62 with ab96134 at 1/200 dilution, demonstrating punctate nuclear staining.

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