

Product datasheet

Anti-Nucleostemin antibody ab88882

4 图像

概述

产品名称	Anti-Nucleostemin抗体
描述	小鼠多克隆抗体to Nucleostemin
宿主	Mouse
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human
免疫原	Full length Human Nucleostemin (AAH01024.1)
阳性对照	Hela and LNCaP cell lysates, Nucleostemin transfected 293T cell lysate and Hela cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 1X PBS, pH 7.2
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab88882** in the following tested applications.

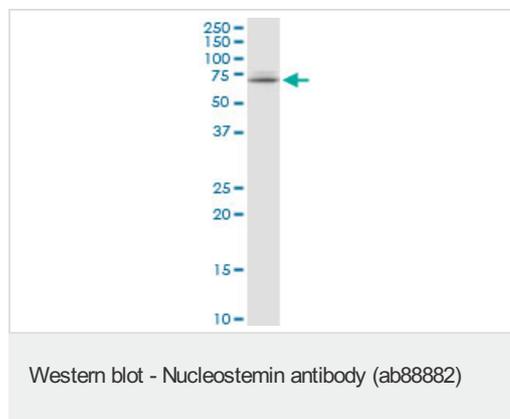
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 62 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

靶标

功能	May be required to maintain the proliferative capacity of stem cells and may play an important role in tumorigenesis.
组织特异性	Increased levels in lung tissue in cancer patients.
序列相似性	Belongs to the MMR1/HSR1 GTP-binding protein family. Contains 1 G (guanine nucleotide-binding) domain.
结构域	The basic domain (B) allows nucleolar localization in the absence of GTP. The intermediate domain (I) inhibits nucleolar localization by the B domain and is required for exit from the nucleolus. Exit from the nucleolus to the nucleoplasm requires both the I and the acidic (A) domains, and may be triggered by GTP hydrolysis. In contrast to other GTP-binding proteins, this family is characterized by a circular permutation of the GTPase motifs described by a G4-G1-G3 pattern.
细胞定位	Nucleus. Nucleus > nucleolus. Shuttles between the nucleus and nucleolus.

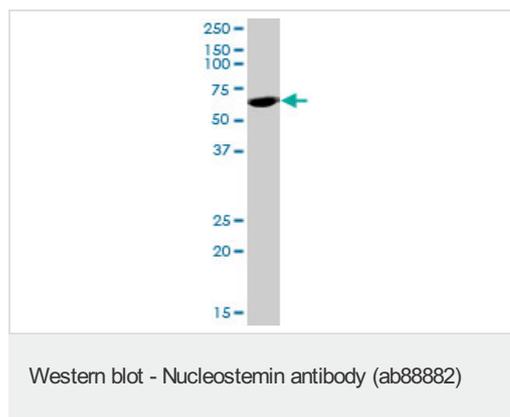
图片



Anti-Nucleostemin antibody (ab88882) at 1
µg/ml + HeLa cell lysate at 50 µg

Predicted band size: 62 kDa

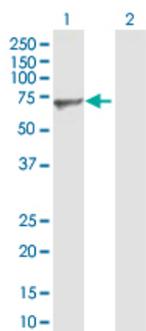
Observed band size: 70 kDa



Anti-Nucleostemin antibody (ab88882) at 1
µg/ml + LNCaP cell lysate at 50 µg

Predicted band size: 62 kDa

Observed band size: 62 kDa



Western blot - Nucleostemin antibody (ab88882)

All lanes : Anti-Nucleostemin antibody (ab88882) at 1 µg/ml

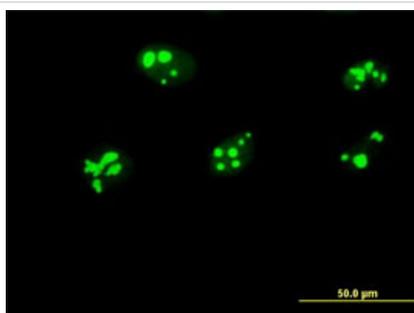
Lane 1 : Nucleostemin transfected 293T cell lysate

Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 62 kDa

Observed band size: 70 kDa



Immunocytochemistry/ Immunofluorescence - Nucleostemin antibody (ab88882)

ab88882 at 10 µg/ml staining Nucleostemin in HeLa cells by Immunofluorescence

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