

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
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**

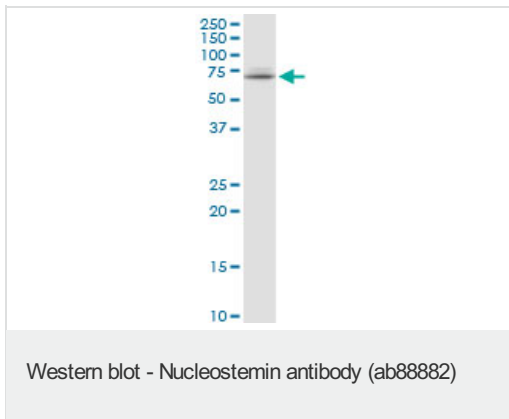
The basic domain (B) allows nucleolar localization in the absence of GTP. The intermediate domain (I) inhibits nucleolar localization by the B domain and is required for exit from the nucleolus. Exit from the nucleolus to the nucleoplasm requires both the I and the acidic (A) domains, and may be triggered 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.

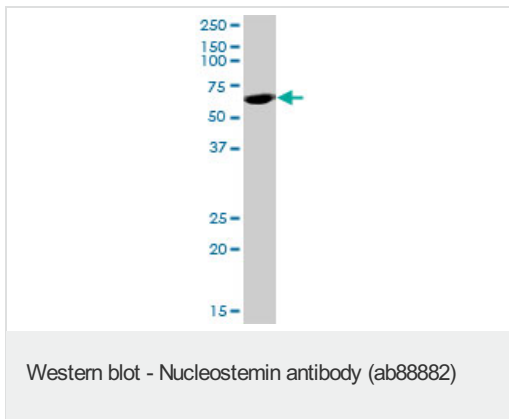
**Anti-Nucleostemin antibody 图像**



Anti-Nucleostemin antibody (ab88882) at 1  $\mu\text{g/ml}$  + HeLa cell lysate at 50  $\mu\text{g}$

**Predicted band size :** 62 kDa

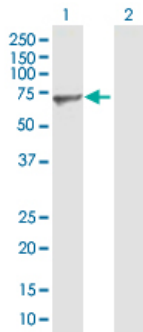
**Observed band size :** 70 kDa



Anti-Nucleostemin antibody (ab88882) at 1  $\mu\text{g/ml}$  + LNCaP cell lysate at 50  $\mu\text{g}$

**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

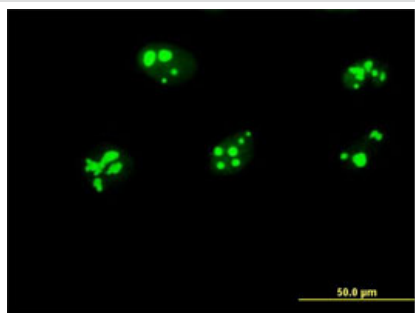
**Lane 1** : Nucleostemin transfected 293T cell  
lysate

**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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors