

Product datasheet

Anti-Nucleostemin antibody ab88882

画像数 4

製品の概要

製品名	Anti-Nucleostemin antibody
製品の詳細	Mouse polyclonal to Nucleostemin
由来種	Mouse
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human
免疫原	Full length Human Nucleostemin (AAH01024.1)
ポジティブ・コントロール	Hela and LNCaP cell lysates, Nucleostemin transfected 293T cell lysate and Hela cells.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: 1X PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

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

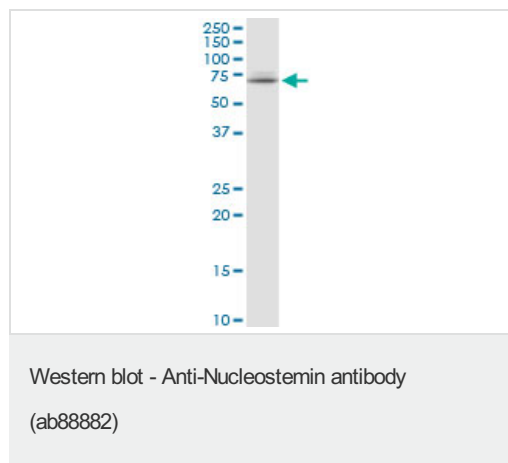
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 62 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

ターゲット情報

機能	May be required to maintain the proliferative capacity of stem cells and may play an important role in tumorigenesis.
組織特異性	Increased levels in lung tissue in cancer patients.
配列類似性	Belongs to the MMR1/HSR1 GTP-binding protein family. Contains 1 G (guanine nucleotide-binding) domain.
ドメイン	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.
細胞内局在	Nucleus. Nucleus > nucleolus. Shuttles between the nucleus and nucleolus.

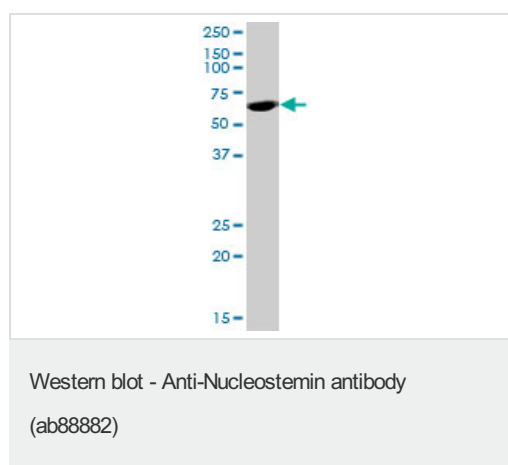
画像



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

Predicted band size: 62 kDa

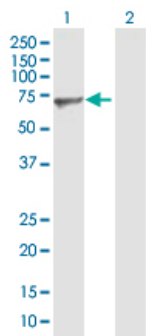
Observed band size: 70 kDa



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

Predicted band size: 62 kDa

Observed band size: 62 kDa



Western blot - Anti-Nucleostemin antibody
(ab88882)

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

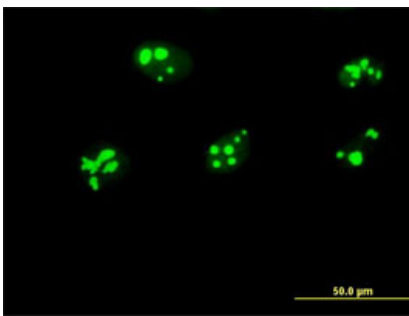
Lane 1 : Nucleostemin transfected 293T cell
lysate

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 - Anti-
Nucleostemin antibody (ab88882)

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

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