abcam

Product datasheet

# Anti-NARG1 antibody ab65107

画像数 2

## 製品の概要

| | |
|---|---|
| **製品名** | Anti-NARG1 antibody |
| **製品の詳細** | Rabbit polyclonal to NARG1 |
| **由来種** | Rabbit |
| **アプリケーション** | **適用あり:** WB, ICC/IF |
| **種交差性** | **交差種:** Human<br>**交差が予測される動物種:** Mouse |
| **免疫原** | Synthetic peptide (Human) from an internal sequence. |
| **ポジティブ・コントロール** | Extracts from HUVEC cells. |
| **特記事項** | 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.<br>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 |

## 製品の特性

| | |
|---|---|
| **製品の状態** | Liquid |
| **保存方法** | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| **バッファー** | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride |
| **精製度** | Immunogen affinity purified |
| **特記事項（精製）** | The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen. |
| **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

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**The Abpromise guarantee** **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab65107の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|---|---|---|
| **WB** | | 1/500 - 1/1000. Detects a band of approximately 101 kDa (predicted molecular weight: 101 kDa). |
| **ICC/IF** | | Use a concentration of 1 - 5 µg/ml. |

## ターゲット情報

**機能**

The NAA10-NAA15 complex displays alpha (N-terminal) acetyltransferase activity that may be important for vascular, hematopoietic and neuronal growth and development. Required to control retinal neovascularization in adult ocular endothelial cells. In complex with XRCC6 and XRCC5 (Ku80), up-regulates transcription from the osteocalcin promoter.

**組織特異性**

Expressed at high levels in testis and in ocular endothelial cells. Also found in brain (corpus callosum), heart, colon, bone marrow and at lower levels in most adult tissues, including thyroid, liver, pancreas, mammary and salivary glands, lung, ovary, urogenital system and upper gastrointestinal tract. Overexpressed in gastric cancer, in papillary thyroid carcinomas and in a Burkitt lymphoma cell line (Daudi). Specifically suppressed in abnormal proliferating blood vessels in eyes of patients with proliferative diabetic retinopathy.

**配列類似性**

Contains 8 TPR repeats.

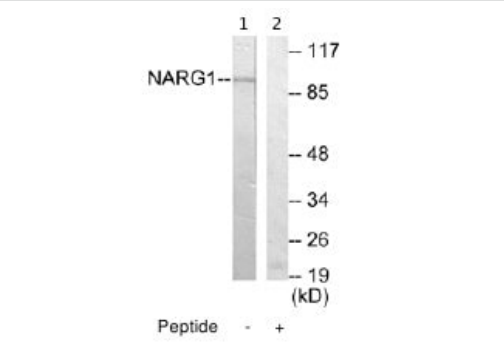
**翻訳後修飾**

Cleaved by caspases during apoptosis, resulting in a stable 35 kDa fragment.

**細胞内局在**

Cytoplasm. Nucleus. Mainly cytoplasmic, nuclear in some cases. Present in the free cytosolic and cytoskeleton-bound polysomes, but not in the membrane-bound polysomes.

## 画像




Western blot - Anti-NARG1 antibody (ab65107)

**All lanes :** Anti-NARG1 antibody (ab65107) at 1/500 dilution

**Lane 1 :** extracts from HUVEC cells

**Lane 2 :** extracts from HUVEC cells with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 101 kDa

**Observed band size:** 101 kDa

Immunocytochemistry/ Immunofluorescence - Anti-NARG1 antibody (ab65107)

ICC/IF image of ab65107 stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab65107, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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