abcam

Product datasheet

Anti-SNAPC1 antibody [EPR16466] ab197015

Recombinant RabMAb

★★★★★ 1 Abreviews 5 Images

Overview

Product name	Anti-SNAPC1 antibody [EPR16466]
Description	Rabbit monoclonal [EPR16466] to SNAPC1
Host species	Rabbit
Tested applications	**Suitable for:** Flow Cyt (Intra), WB, ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human testis and fetal brain lysates; HeLa cell lysate; HeLa cells; U-87 MG cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR16466
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab197015 in the following tested applications.

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

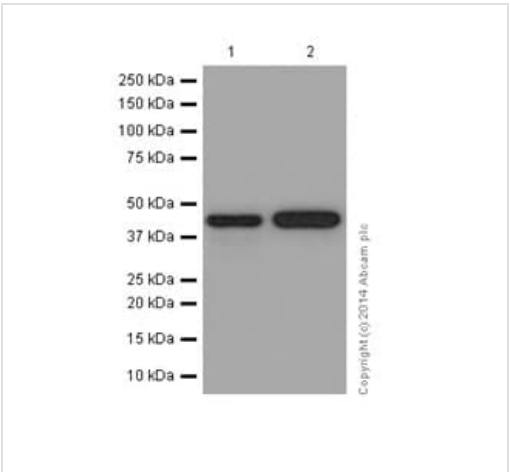
Application	Abreviews	Notes
Flow Cyt (Intra)		1/60. **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/5000. Detects a band of approximately 43 kDa (predicted molecular weight: 43 kDa).
ICC/IF		1/250.

Target

Function Part of the SNAPc complex required for the transcription of both RNA polymerase II and III small-nuclear RNA genes. Binds to the proximal sequence element (PSE), a non-TATA-box basal promoter element common to these 2 types of genes. Recruits TBP and BRF2 to the U6 snRNA TATA box.

Cellular localization Nucleus.

Images



Western blot - Anti-SNAPC1 antibody [EPR16466] (ab197015)

All lanes : Anti-SNAPC1 antibody [EPR16466] (ab197015) at 1/5000 dilution

Lane 1 : Human testis tissue lysate

Lane 2 : HeLa (Human epithelial cells from cervix adenocarcinoma) cell lysate

Lysates/proteins at 20 µg per lane.

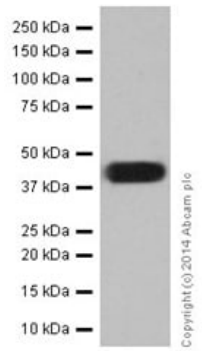
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 43 kDa

Observed band size: 43 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot - Anti-SNAPC1 antibody [EPR16466] (ab197015)

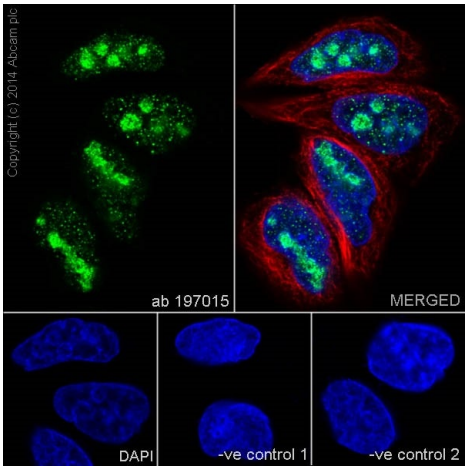
Anti-SNAPC1 antibody [EPR16466] (ab197015) at 1/5000 dilution + Human fetal brain tissue lysate at 10 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

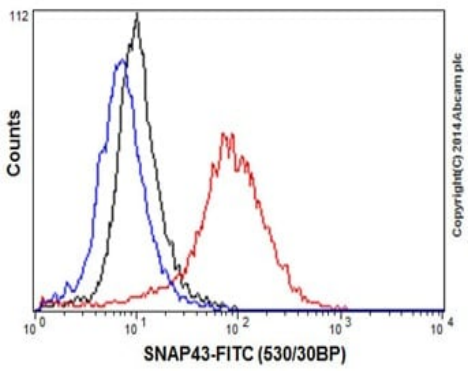
Predicted band size: 43 kDa
Observed band size: 43 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



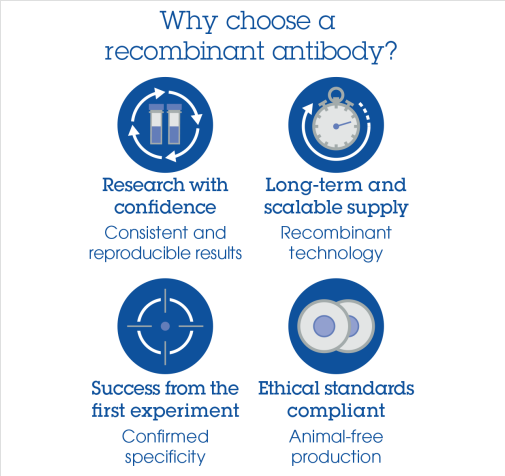
Immunocytochemistry/ Immunofluorescence - Anti-SNAPC1 antibody [EPR16466] (ab197015)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells (Human epithelial cells from cervix adenocarcinoma) labeling SNAPC1 with ab197015 at 1/250 dilution, followed by Alexa Fluor®488 Goat Anti-Rabbit IgG H&L (**ab150077**) secondary antibody at 1/500 dilution (green). Nuclear staining on HeLa cell line is observed. The nuclear counter stain is DAPI (blue). Tubulin is detected with **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution and **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution (red).
The negative controls are as follows:
-ve control 1: ab197015 at 1/250 dilution followed by **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution.
-ve control 2: **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution followed by **ab150077** (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/500 dilution.



Flow Cytometry (Intracellular) - Anti-SNAPC1 antibody [EPR16466] (ab197015)

Intracellular flow cytometric analysis ofU-87 MG (Human glioblastoma-astrocytoma epithelial cell line)cells labeling SNAPC1with ab197015 at 1/60 dilution (red)compared with a rabbit monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). Goat anti rabbit IgG (FITC) at 1/150 dilution was used as the secondary antibody.



Anti-SNAPC1 antibody [EPR16466] (ab197015)

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