abcam

Product datasheet

Anti-Cellubrevin antibody [EPR16866] ab200657

Recombinant RabMAb

2 References 8 Images

Overview

Product name	Anti-Cellubrevin antibody [EPR16866]
Description	Rabbit monoclonal [EPR16866] to Cellubrevin
Host species	Rabbit
Tested applications	**Suitable for:** Flow Cyt (Intra), WB, ICC/IF, IP
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human fetal lung and placenta lysates; A-375 whole cell lysate. ICC/IF: A-375 and A549 cells. Flow Cyt (intra): A-375 cells. IP: A-375 whole cell lysate.
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, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR16866
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab200657 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.
WB		1/2000. Detects a band of approximately 11 kDa (predicted molecular weight: 11 kDa).
ICC/IF		1/500.
IP		1/30.

Target

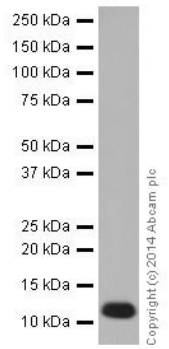
Function SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network.

Sequence similarities Belongs to the synaptobrevin family.
Contains 1 v-SNARE coiled-coil homology domain.

Post-translational modifications Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization Membrane. Cell junction > synapse > synaptosome.

Images



Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657)

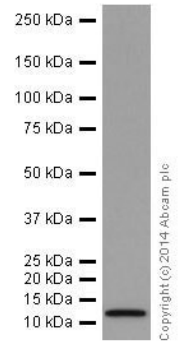
Anti-Cellubrevin antibody [EPR16866] (ab200657) at 1/2000 dilution + Human fetal lung lysate at 20 µg

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

Predicted band size: 11 kDa
Observed band size: 11 kDa

Exposure time: 30 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Anti-Cellubrevin antibody [EPR16866] (ab200657) at 1/10000 dilution + A-375 (Human malignant melanoma cell line) whole cell lysate at 10 µg

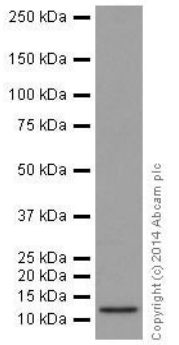
Secondary

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

Predicted band size: 11 kDa
Observed band size: 11 kDa

Exposure time: 5 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Anti-Cellubrevin antibody [EPR16866] (ab200657) at 1/10000 dilution + Human placenta tissue lysate at 10 µg

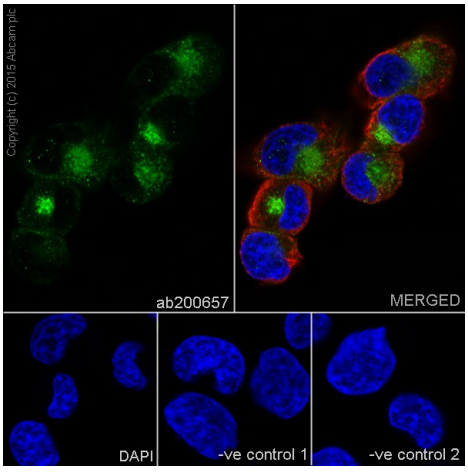
Secondary

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

Predicted band size: 11 kDa
Observed band size: 11 kDa

Exposure time: 5 seconds

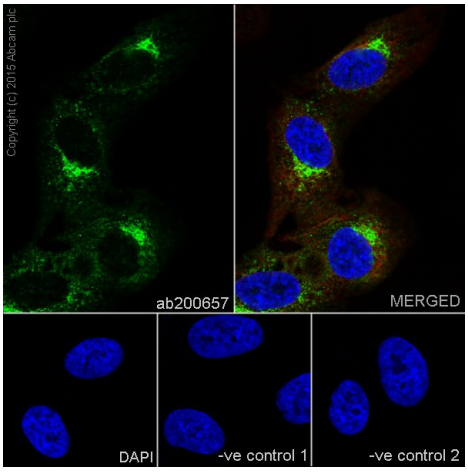
Blocking/Dilution buffer: 5% NFDM/TBST.



Immunocytochemistry/ Immunofluorescence - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized A-375 (Human malignant melanoma cell line) cells labeling Cellubrevin with ab200657 at 1/250 dilution, followed by Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/1000 dilution (green). Cytoplasm staining on A-375 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 1/1000 dilution (red).

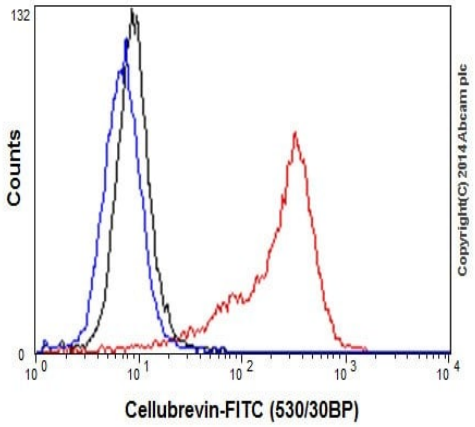
The negative controls are as follows:
-ve control 1: ab200657 at 1/250 dilution followed by **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution.
-ve control 2: **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution followed by **ab150077** (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-Cellubrevin antibody [EPR16866] (ab200657)

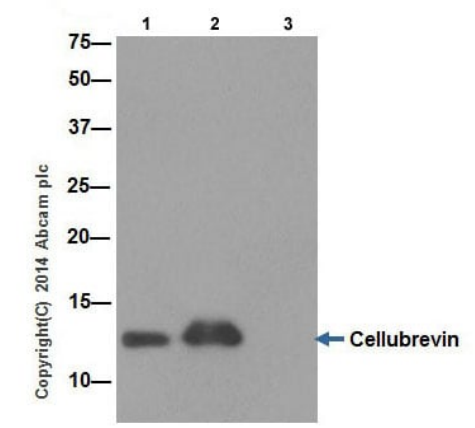
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized A549 (Human lung carcinoma cell line) cells labeling Cellubrevin with ab200657 at 1/250 dilution, followed by Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/1000 dilution (green). Cytoplasm staining on A549 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 1/1000 dilution (red).

The negative controls are as follows:
-ve control 1: ab200657 at 1/250 dilution followed by **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 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 1/1000 dilution.



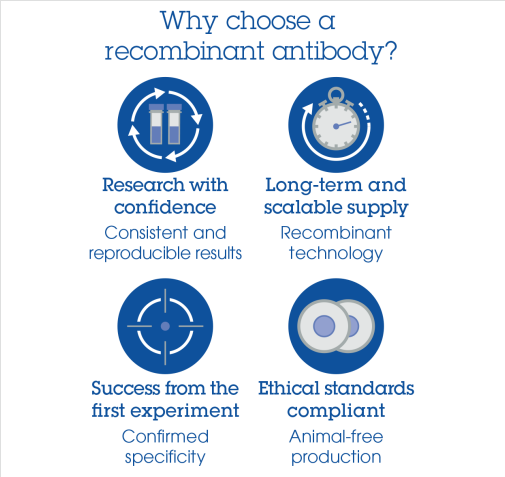
Flow Cytometry (Intracellular) - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixedA-375 (Human malignant melanoma cell line) cells labeling Cellubrevin with ab200657 at 1/60 dilution (red) compared with a rabbit monoclonal IgG isotype control (**ab172730**; 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.



Immunoprecipitation - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Cellubrevin was immunoprecipitated from 1mg of A-375 (Human malignant melanoma cell line) whole cell lysate with ab200657 at 1/30 dilution. Western blot was performed from the immunoprecipitate using ab200657 at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1500 dilution.
Lane 1: A-375 whole cell lysate 10µg (Input).
Lane 2: ab200657 IP in A-375 whole cell lysate.
Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab200657 in A-375 whole cell lysate.
Blocking and dilution buffer and concentration: 5% NFDM/TBST.
Exposure time: 5 seconds.



Anti-Cellubrevin antibody [EPR16866] (ab200657)

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