


Product datasheet

Anti-SNAP29 antibody - C-terminal ab229584

3 Images

Overview

Product name	Anti-SNAP29 antibody - C-terminal
Description	Rabbit polyclonal to SNAP29 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Rhesus monkey 
Immunogen	Recombinant fragment within Human SNAP29 (C terminal). The exact sequence is proprietary. Database link: O95721
Positive control	WB: Mouse and rat brain tissue extracts; HEK-293T, A431, HeLa and HepG2 whole cell extracts. ICC/IF: DIV9 rat E18 primary cortical neurons.

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: 7.00 Preservative: 0.025% Proclin Constituents: PBS, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab229584** in the following tested applications.

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

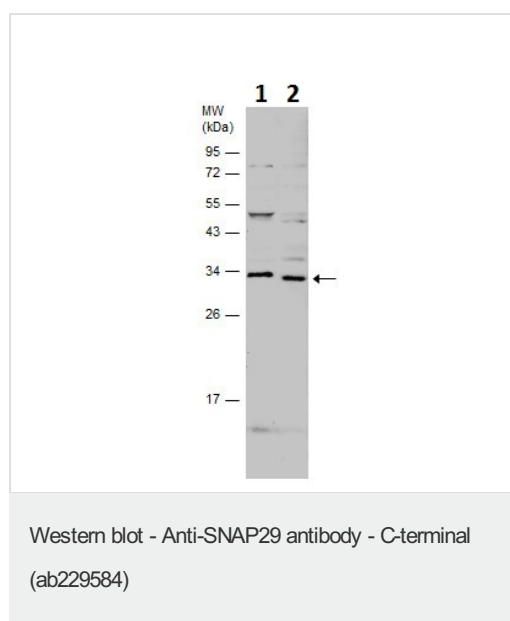
Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 29 kDa.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.

Target

Function	Involved in multiple membrane trafficking steps.
Tissue specificity	Found in brain, heart, kidney, liver, lung, placenta, skeletal muscle, spleen and pancreas.
Involvement in disease	Defects in SNAP29 are the cause of CEDNIK syndrome (CEDNIK) [MIM:609528]. CEDNIK is a neurocutaneous syndrome characterized by cerebral dysgenesis, neuropathy, ichthyosis and palmoplantar keratoderma.
Sequence similarities	Belongs to the SNAP-25 family. Contains 1 t-SNARE coiled-coil homology domain.
Cellular localization	Cytoplasm. Membrane. Cell junction > synapse > synaptosome. Appears to be mostly membrane-bound, probably via interaction with syntaxins, but a significant portion is cytoplasmic.

Images



All lanes : Anti-SNAP29 antibody - C-terminal (ab229584) at 1/500 dilution

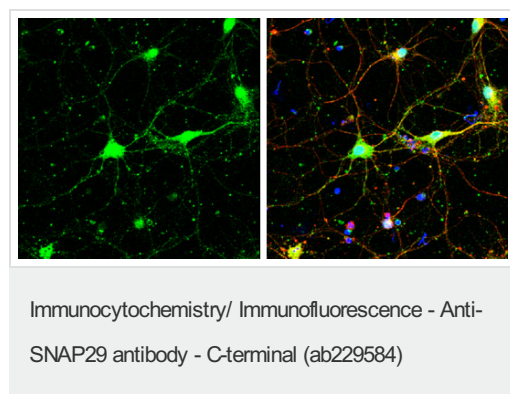
Lane 1 : Mouse brain tissue extract

Lane 2 : Rat brain tissue extract

Lysates/proteins at 50 µg per lane.

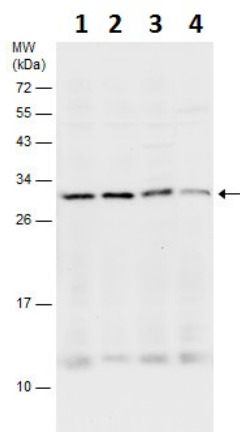
Predicted band size: 29 kDa

12% SDS-PAGE gel.



4% paraformaldehyde-fixed DIV9 rat E18 primary cortical neurons stained for SNAP29 (green) using ab229584 at 1/500 dilution in ICC/IF.

Nuclear counterstain: Fluoroshield with DAPI (blue). beta Tubulin 3/ Tuj1, a neuron cell marker, stained by anti-beta Tubulin 3/ Tuj1 antibody at 1/500 dilution.



Western blot - Anti-SNAP29 antibody - C-terminal (ab229584)

All lanes : Anti-SNAP29 antibody - C-terminal (ab229584) at 1/1000 dilution

Lane 1 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell extract

Lane 2 : A431 (human epidermoid carcinoma cell line) whole cell extract

Lane 3 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell extract

Lane 4 : HepG2 (human liver hepatocellular carcinoma cell line) whole cell extract

Lysates/proteins at 30 µg per lane.

Predicted band size: 29 kDa

12% SDS-PAGE gel.

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

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 <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

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