abcam

Product datasheet

Anti-PSD93 antibody [N18/30] ab94588

3 Abreviews 画像数 2

製品の概要

製品名	Anti-PSD93 antibody [N18/30]
製品の詳細	Mouse monoclonal [N18/30] to PSD93
由来種	Mouse
特異性	No cross-reactivity against other MAGUK family members PSD95, SAP97, SAP102 expressed in transfected cells.
アプリケーション	**適用あり:** ICC, WB
種交差性	**交差種:** Rat, Human **交差が予測される動物種:** Mouse
免疫原	Fusion protein corresponding to Rat PSD93 aa 1-900. Database link: **Q63622**
ポジティブ・コントロール	WB: Rat brain membrane lysate. ICC: SK-N-BE cells.
特記事項	The clone number has been updated from S18-30 to N18/30, both clone numbers name the same antibody clone. 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. 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	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol, PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	N18/30

アイソタイプ IgG1

アプリケーション

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ab94588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
ICC		1/100.
WB		1/1000. Predicted molecular weight: 97 kDa.

ターゲット情報

機能 Required for perception of chronic pain through NMDA receptor signaling. Regulates surface expression of NMDA receptors in dorsal horn neurons of the spinal cord. Interacts with the cytoplasmic tail of NMDA receptor subunits as well as inward rectifying potassium channels. Involved in regulation of synaptic stability at cholinergic synapses. Part of the postsynaptic protein scaffold of excitatory synapses.

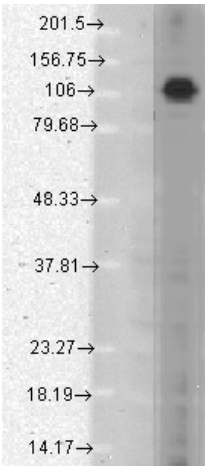
配列類似性 Belongs to the MAGUK family.
Contains 1 guanylate kinase-like domain.
Contains 3 PDZ (DHR) domains.
Contains 1 SH3 domain.

ドメイン An N-terminally truncated L27 domain is predicted in isoform 2 at positions 1 through 27.

翻訳後修飾 Palmitoylation of isoform 1 is not required for targeting to postsynaptic density.

細胞内局在 Cell membrane. Cell junction, synapse, postsynaptic cell membrane, postsynaptic density. Cell junction, synapse. Membrane. Cell projection, axon. Concentrated in soma and postsynaptic density of a subset of neurons.

画像



Western blot - Anti-PSD93 antibody [N18/30] (ab94588)

Anti-PSD93 antibody [N18/30] (ab94588) at 1/1000 dilution + Rat brain membrane lysate at 15 µg

Secondary

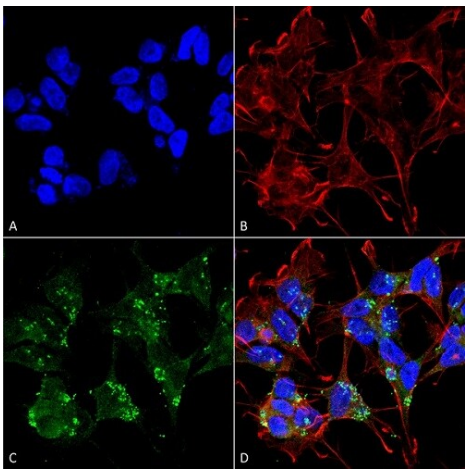
Sheep Anti-Mouse IgG: HRP

Predicted band size: 97 kDa

Block: 1% BSA for 30 minutes at RT.

Primary antibody incubated for 2 hours at RT.

Secondary antibody incubated for 1 hour at RT.



Immunocytochemistry - Anti-PSD93 antibody [N18/30] (ab94588)

SK-N-BE (Human Neuroblastoma cells) cells stained for PSD93 (Green) using ab94588 (1:100 dilution, 1 hour at RT) in ICC.

Cells were fixed in 4% formaldehyde for 15 minutes at RT. Secondary Antibody: Goat Anti-Mouse 488 at 1:200 for 60 minutes at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 minutes at RT, 5 minutes at RT.

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