


Anti-nNOS (neuronal) antibody ab15203

★★★★☆ **1 Abreviews** **8 References** [画像数 2](#)

製品の概要

製品名	Anti-nNOS (neuronal) antibody
製品の詳細	Rabbit polyclonal to nNOS (neuronal)
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow, Pig 
免疫原	Synthetic peptide within Mouse nNOS (neuronal) (C terminal). The exact sequence is proprietary. Database link: P29477
特記事項	<p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</p> <p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
精製度	Immunogen affinity purified
ポリクローナル	ポリクローナル
アイソタイプ	IgG

アプリケーション

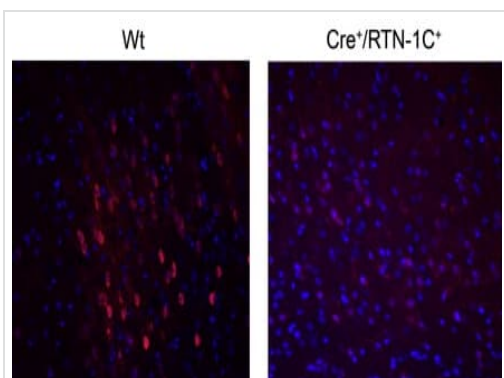
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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/50. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

ターゲット情報

機能	Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In the brain and peripheral nervous system, NO displays many properties of a neurotransmitter. Probably has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such SRR.
組織特異性	Isoform 1 is ubiquitously expressed: detected in skeletal muscle and brain, also in testis, lung and kidney, and at low levels in heart, adrenal gland and retina. Not detected in the platelets. Isoform 3 is expressed only in testis. Isoform 4 is detected in testis, skeletal muscle, lung, and kidney, at low levels in the brain, but not in the heart and adrenal gland.
配列類似性	Belongs to the NOS family. Contains 1 FAD-binding FR-type domain. Contains 1 flavodoxin-like domain. Contains 1 PDZ (DHR) domain.
ドメイン	The PDZ domain in the N-terminal part of the neuronal isoform participates in protein-protein interaction, and is responsible for targeting nNos to synaptic membranes in muscles. Mediates interaction with VAC14.
翻訳後修飾	Ubiquitinated; mediated by STUB1/CHIP in the presence of Hsp70 and Hsp40 (in vitro).
細胞内局在	Cell membrane > sarcolemma. Cell projection > dendritic spine. In skeletal muscle, it is localized beneath the sarcolemma of fast-twitch muscle fiber by associating with the dystrophin glycoprotein complex. In neurons, enriched in dendritic spines.

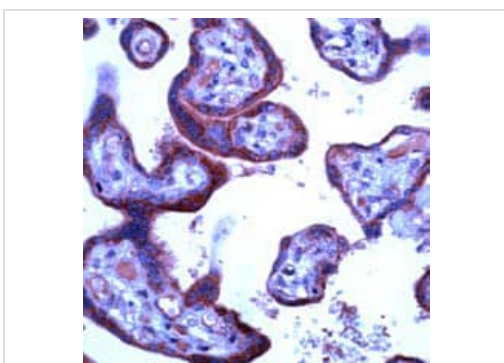
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-nNOS (neuronal) antibody (ab15203)

Image from Fazi B et al., *Neurobiol Dis.* 2010;40(3):634-44. Fig 5.; doi: 10.1016/j.nbd.2010.08.007 with permission from Elsevier.

ab15203 staining nNOS (neuronal) in Mouse brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Sections were deparaffinized, rehydrated and submitted to antigen retrieval and blocked with 5% non-fat dry milk and 0.1% Triton X-100. Samples were incubated with primary antibody (1/200 in PBS containing 2% non-fat dry milk and 0.05% Triton X-00) overnight at 4°C. A Biotin-conjugated anti-rabbit IgG (1/200 in PBS containing 1% NGS for 1 hour at room temperature) was used as the secondary antibody. Left - wild type, Right - Cre⁺/RTN-1C⁺. Magnification: 20x.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-nNOS (neuronal) antibody (ab15203)

Human placenta tissue section stained with ab15203 by Immunohistochemistry (Formalin/ PFA fixed paraffin embedded tissue sections).

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