nNOS(Ab-852) Antibody

Catalog No: #21159

Package Size: #21159-1 50ul #21159-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	nNOS(Ab-852) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total nNOS protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.850~854 (F-N-S-V-S) derived from Human nNOS.
Conjugates	Unconjugated
Target Name	nNOS
Other Names	BNOS; Constitutive NOS; N-NOS; NC-NOS; NOS1
Accession No.	Swiss-Prot: P29475NCBI Protein: NP_000611.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

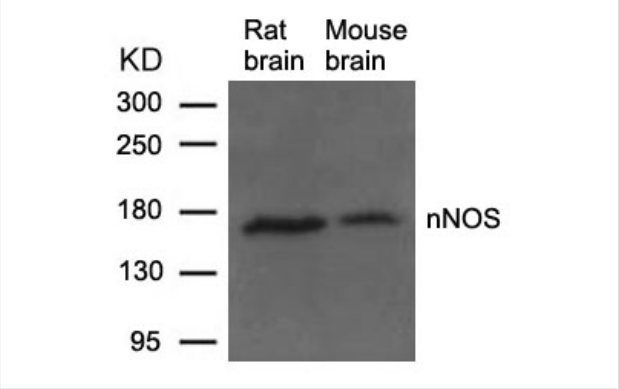
Application Details

Predicted MW: 160kd

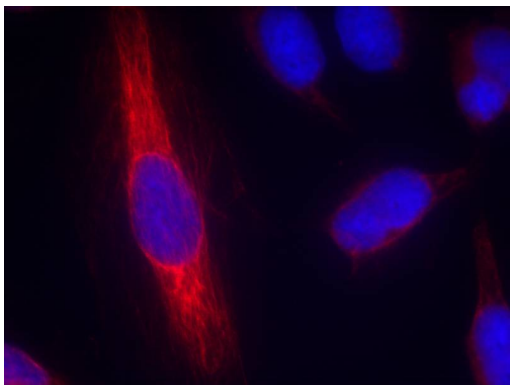
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from Rat and Mouse brain tissue using nNOS(Ab-852) Antibody #21159.



Immunofluorescence staining of methanol-fixed Hela cells using nNOS(Ab-852) Antibody #21159.

Background

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.

Liu JL et al. (2008) World J Gastroenterol. 14(20):3242-8.
Guggilam A et al. (2008) Eur J Heart Fail. 10(7):625-34
Marquina M et al. (2008) Br J Dermatol.159(1):68-76.

Published Papers

el at., Regulation of Tracheal Ciliary Beat Frequency by Nitric Oxide Synthase Substrate L-arginine.In ORL J Otorhinolaryngol Relat Spec on 2010 by Jian Jiao, Demin Han,et al..PMID:20110742 , , (2010)

PMID:20110742

el at., Neuronal nitric oxide synthase/reactive oxygen species pathway is involved in apoptosis and pyroptosis in epilepsyInNeural Regen ResOn2023 JunbyXiao-Xue Xu, Rui-Xue Shi et al..PMID:36453412, , (2023)

PMID:36453412

Note: This product is for in vitro research use only and is not intended for use in humans or animals.