

iNOS Antibody

Catalog No: #33261

Package Size: #33261-1 50ul #33261-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

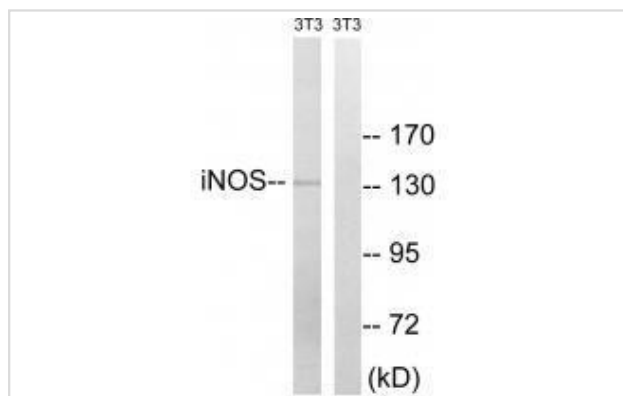
Description

Product Name	iNOS Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total iNOS protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human iNOS around the phosphorylation site of tyrosine 151 (Q-Y-Y(p)-G-S).
Conjugates	Unconjugated
Target Name	iNOS
Other Names	EC 1.14.13.39; HEP-NOS; hepatocyte NOS; inducible NOS; nitric oxide synthase
Accession No.	Swiss-Prot: P35228NCBI Gene ID: 4843
SDS-PAGE MW	131kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from 3T3 cells, using iNOS (Ab-151) antibody #33261.

Background

Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such COX2.

Geller D.A., Proc. Natl. Acad. Sci. U.S.A. 90:3491-3495(1993).

Sherman P.A., Biochemistry 32:11600-11605(1993).

Charles I.G., Proc. Natl. Acad. Sci. U.S.A. 90:11419-11423(1993)

Published Papers

el at., Xanthohumol exerts protective effects in liver alterations associated with aging. In Eur J Nutr on 2019 Mar by Fernandez-Garcia C, Rancan L, et al.. PMID: 29536163, , (2019)

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el at., HMG2 regulates non-tuberculous mycobacteria survival via modulation of M1 macrophage polarization. In J Cell Mol Med on 2019 Dec by Wang X, Chen S, et al.. PMID:31596045, , (2019)

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el at., Clonorchis sinensis ferritin heavy chain triggers free radicals and mediates inflammation signaling in human hepatic stellate cells. In Parasitol Res on 2015 Feb by Qiang Mao, Zhizhi Xie et al.. PMID: 25413629, , (2015)

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el at., The Effects of Xiangqing Anodyne Spray on treating acute soft-Tissue injury mainly depend on suppressing activations of AKT and p38 pathways. In Evid Based Complement Alternat Med on 2016 by Shudong Wang, Tao Li et al.. PMID:27190541, , (2016)

[PMID:27190541](#)

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