

iNOS (Ab-151) Antibody

Catalog No: #33261

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

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

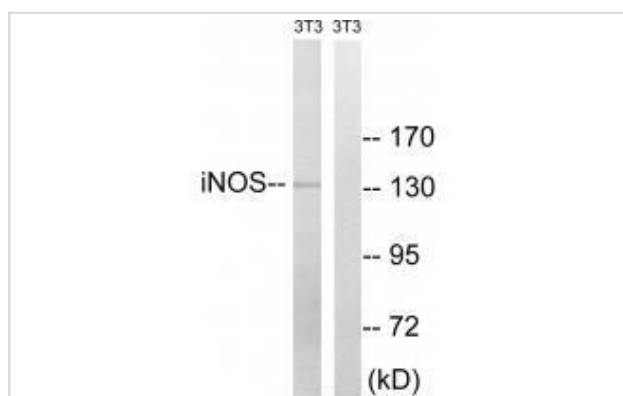
Description

Product Name	iNOS (Ab-151) 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	Hu Ms
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).
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
Uniprot	P35228
GeneID	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)

Note: This product is for in vitro research use only