

iNOS (Phospho-Tyr151) Antibody

Catalog No: #12067

Package Size: #12067-1 50ul #12067-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

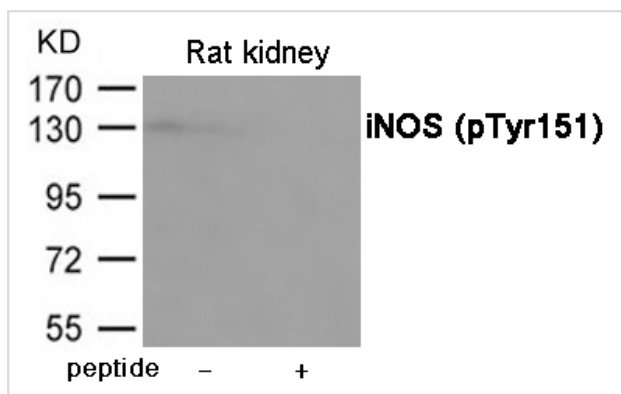
Product Name	iNOS (Phospho-Tyr151) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of iNOS only when phosphorylated at Tyrosine 151.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Tyrosine 151 (Q-Y-Y(p)-G-S) derived from Human iNOS.
Target Name	iNOS
Modification	Phospho-Tyr151
Other Names	NOS, INOS, NOS2A, HEP-NOS
Accession No.	Swiss-Prot#: P35228; NCBI Gene#: 4843; NCBI Protein#: NP_000616.3
SDS-PAGE MW	130kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL 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/1 year

Application Details

Predicted MW: 130kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from Rat kidney using iNOS (Phospho-Tyr151) Antibody #12067. The lane on the right is treated with the antigen-specific peptide.

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.

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