

NOS2 rabbit pAb

Cat No.:ES2973

For research use only

Overview

Product Name	NOS2 rabbit pAb
Host species	Rabbit
Applications	IF;WB;IHC;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	IF: 1:50-200 WB 1:500-2000, ELISA 1:10000-20000
	IHC 1:50-300
Immunogen	The antiserum was produced against synthesized
	peptide derived from human iNOS. AA
	range:117-166
Specificity	NOS2 Polyclonal Antibody detects endogenous
	levels of NOS2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Nitric oxide synthase inducible
Gene Name	NOS2, INOS
Cellular localization	Cytoplasm, cytosol . Localizes as discrete foci
	scattered throughout the cytosol and in the
	presence of SPSB1 and SPSB4, exhibits a more
	diffuse cytosolic localization
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	131kD
Human Gene ID	4843
Human Swiss-Prot Number	P35228
Alternative Names	NOS2; NOS2A; Nitric oxide synthase; inducible;
	Hepatocyte NOS; HEP-NOS; Inducible NO synthase;
	Inducible NOS; iNOS; NOS type II; Peptidyl-cysteine
	S-nitrosylase NOS2
Background	Nitric oxide is a reactive free radical which acts as a
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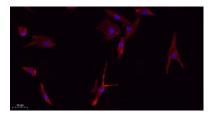
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biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008],

Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.





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