

NOS2 rabbit pAb

Cat No.:ES2973

For research use only

Overview

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| 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 |



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.

