

产品名称: iNOS (12H16) Rabbit Monoclonal Antibody
产品货号: AMRe12619



产品概述 (Summary)

产品名称 (Production Name)	iNOS (12H16) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, IP
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NOS2
别名 (Alternative Names)	HEP-NOS; Hepatocyte NOS; Inducible NO synthase; Inducible NOS; iNOS; NOS2;
基因 ID (Gene ID)	4843.0
蛋白 ID (SwissProt ID)	P35228.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1500, IP 1:20-1:100
蛋白分子量 (Molecular Weight)	131kDa

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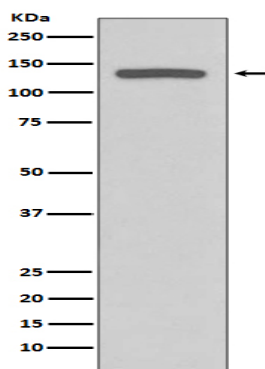
研究背景 (Background)

iNOS Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions. Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body (PubMed: [7531687](http://www.uniprot.org/citations/7531687) target="_blank">7531687, PubMed: [7544004](http://www.uniprot.org/citations/7544004) target="_blank">7544004). In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such PTGS2/COX2 (By similarity). As component of the iNOS-S100A8/9 transnitrosylase complex involved in the selective inflammatory stimulus-dependent S-nitrosylation of GAPDH on 'Cys-247' implicated in regulation of the GAIT complex activity and probably multiple targets including ANXA5, EZR, MSN and VIM (PubMed: [25417112](http://www.uniprot.org/citations/25417112) target="_blank">25417112). Involved in inflammation, enhances the synthesis of proinflammatory mediators such as IL6 and IL8 (PubMed: [19688109](http://www.uniprot.org/citations/19688109) target="_blank">19688109).

研究领域 (Research Area)

Arginine and proline metabolism;Calcium;Pathways in cancer;Small cell lung cancer;

图片 (Image Data)



Western blot analysis of iNOS expression in Human fetal brain lysate.

注意事项 (Note)

For research use only .