

Datasheet for ABIN6144727
anti-NOS2 antibody (AA 500-730)



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4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	NOS2
Binding Specificity:	AA 500-730
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 500-730 of human iNOS (NP_000616.3).
Sequence:	VWQDEKRRPK RREIPLKVLV KAVLFACMLM RKTMASRVRV TILFATETGK SEALAWDLGA LFSCAFNPKV VCMDKYRLSC LEEERLLLTV TSTFGNGDCP GNGEKLKKS L FMLKELNNKF RYAVFGLGSS MYPRCAFAH DIDQKLSHLG ASQLTPMGEG DELSGQEDAF RSWAVQTFKA ACETFDVRGK QHIQIPKLYT SNVTWDPHHY RLVQDSQPLD LSKALSSMHA K
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NOS2
Alternative Name:	NOS2 (NOS2 Products)
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.,NOS,INOS,NOS2A,HEP-NOS,iNOS,NOS2,Cancer,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Neuroscience,NOS2
Molecular Weight:	126 kDa/131 kDa
Gene ID:	4843
UniProt:	P35228
Pathways:	Retinoic Acid Receptor Signaling Pathway , Cellular Response to Molecule of Bacterial Origin , Inositol Metabolic Process , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

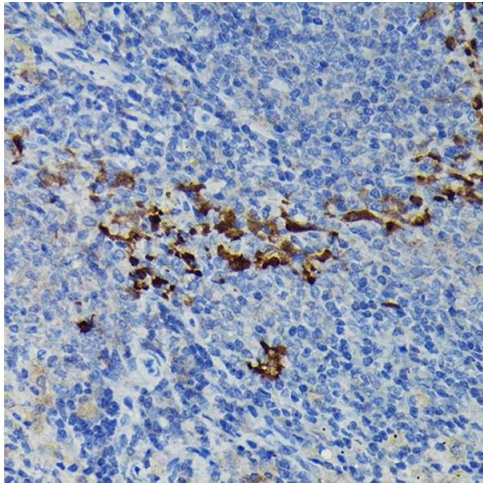
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Product cited in:

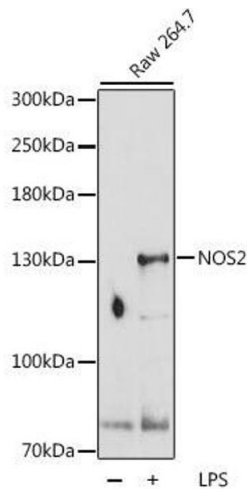
Qin, Yang, Huang, Du, Mai, Xiao, Lü: "Sulforaphane attenuates microglia-mediated neuronal necroptosis through down-regulation of MAPK/NF- κ B signaling pathways in LPS-activated BV-2 microglia." in: **Pharmacological research**, Vol. 133, pp. 218-235, (2018) ([PubMed](#)).

Images



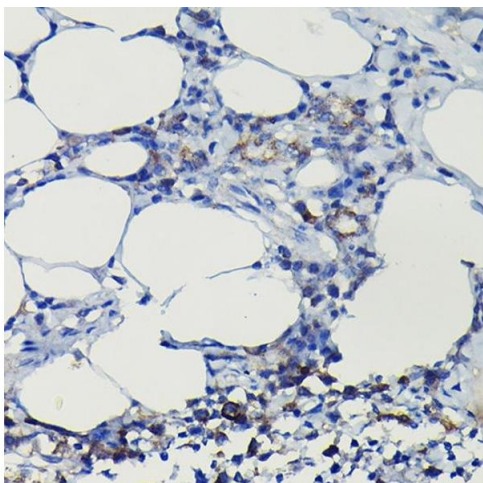
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse spleen using iNOS Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of Raw 264.7 cells, using NOS2 antibody.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat lung using iNOS Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6144727.