

Rabbit anti-Human NOS2 Polyclonal Antibody | anti-NOS2 antibody

NOS2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201148	Rabbit	Human	Western Blot, Immunohistochemistry

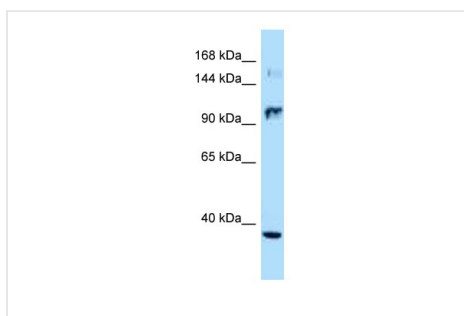
PRODUCT SYNONYMS

NOS2; Polyclonal Antibody; NOS2 antibody - N-terminal region; anti-NOS2 antibody

PRODUCT SPECIFICATIONS

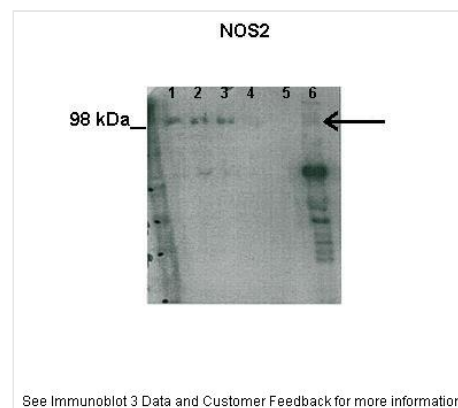
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PC ATSSPVTQDD LQYHNLSKQQ NESQPPLVET GKKSPESLVK LDATPLSS
Sequence Length	997
Applicable Applications for anti-NOS2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



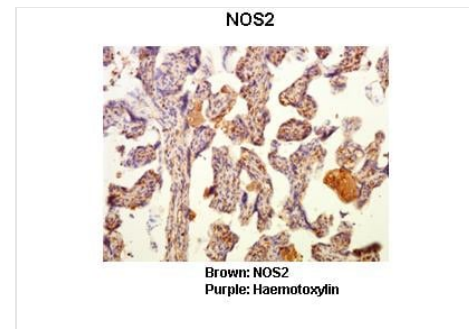
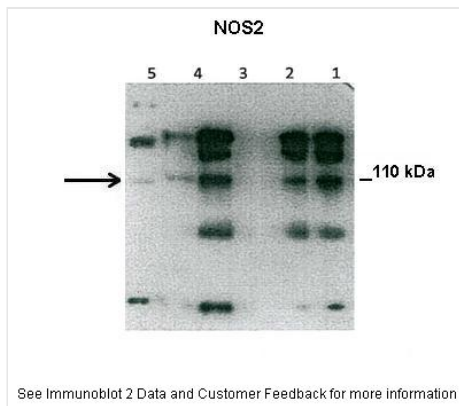
WB (Western Blot)

WB Suggested Anti-NOS2 Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell



WB (Western Blot)

Researcher: Hiten Mistry, Ania Czajka and Marta Hentschke Ribeiro, King's College London
Application: Western blotting
Species+tissue/cell type: Human placental and myometrial tissue lysate
How many ug's of tissue/cell lysate run on the gel: 1: 50 ug human placental tissue lysate 2: 40 ug human placental tissue lysate 3: 30 ug human placental tissue lysate 4: 20 ug human placental tissue lysate 5: 10 ug human placental tissue lysate 6: 20 ug human myometrial tissue lysate
Primary antibody dilution: 1:500 Secondary antibody: Goat anti-rabbit HRP Secondary antibody dilution: 1:10000

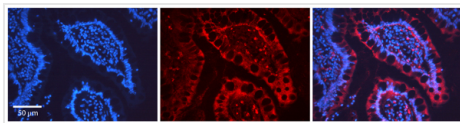


IHC (Immunohistochemistry)

Sample Type :Human placental tissue Primary Antibody Dilution :1:50Secondary Antibody :Goat anti rabbit-HRP Secondary Antibody Dilution :1:10,000Color/Signal Descriptions :Brown: NOS2Purple: HaematoxylinGene Name :NOS2Submitted by :Dr. Hiten D. Mistry and Anna Czajka, King's College London; Lesia Kurlak, University of Nottingham

WB (Western Blot)

Lanes:Lane1: 30 ug human placental tissue lysateLane2: 30 ug human placental tissue lysateLane3: 30 ug human placental tissue lysateLane4: 30 ug human placental tissue lysateLane5: 20 ug human myometrial tissue lysatePrimary Antibody Dilution:1:500Secondary Antibody:Goat anti-rabbit HRPSecondary Antibody Dilution:1:10000Gene Name:Nitric oxide synthase 2, inducible (NOS2)Submitted by:Hiten Mistry, Ania Czajka and Marta Hentschke Ribeiro, King's College London



IHC (Immunohistochemistry)

Rabbit Anti-NOS2 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Appendix (Colon) TissueObserved Staining: CytoplasmPrimary Antibody Concentration: 1:100Other Working Concentrations: N/ASecondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-NOS2 antibody	This is a rabbit polyclonal antibody against NOS2. It was validated on Western Blot
	Target Description: 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.
Product Categories/Family for anti-NOS2 antibody	Polyclonal; Cancer; Neurobiology; Drugs and Drug Metabolism; Disease Related; Hypoxia; Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119571433
NCBI GeneID	4843
NCBI Accession #	EAW51048
NCBI GenBank Nucleotide #	NM_000625
UniProt Accession #	P35228
Molecular Weight	110kDa
NCBI Official Full Name	nitric oxide synthase 2A (inducible, hepatocytes), isoform CRA_a
NCBI Official Synonym Full Names	nitric oxide synthase 2
NCBI Official Symbol	NOS2
NCBI Official Synonym Symbols	NOS; INOS; NOS2A; HEP-NOS

NCBI Protein Information	nitric oxide synthase, inducible
UniProt Protein Name	Nitric oxide synthase, inducible
UniProt Gene Name	NOS2
UniProt Synonym Gene Names	NOS2A; HEP-NOS; Inducible NOS; iNOS
UniProt Entry Name	NOS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nos2-antibody-western-blot-immunohistochemistry-elisa/201148>