

NOS2 Rabbit Polyclonal Antibody



CAB14031

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

131kDa

Calculated MW:

126kDa/131kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Protein 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.

Immunogen information

Gene ID:

4843

Uniprot

P35228

Synonyms:

NOS; INOS; NOS2A; HEP-NOS; iNOS; NOS2

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

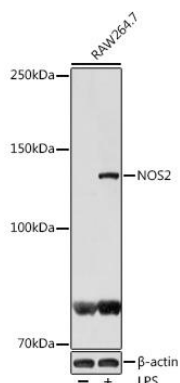
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 500-730 of human NOS2 (NP_000616.3).

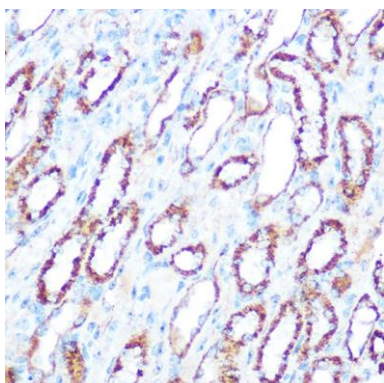
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

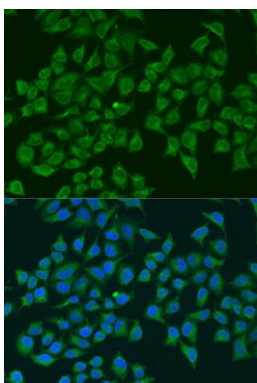
Product Images



Western blot analysis of extracts of RAW264.7 cells, using NOS2 antibody (CAB14031) at 1:1000 dilution. Raw264.7 cells were treated by LPS (1 ug/mL) at 37°C for over night. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded mouse kidney using NOS2 antibody (CAB14031) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using NOS2 antibody (CAB14031) at dilution of 1:100. Blue: DAPI for nuclear staining.