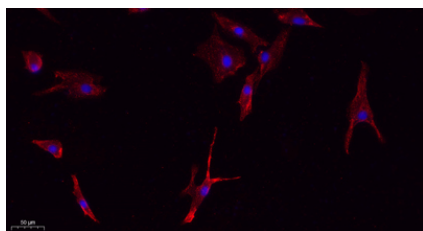
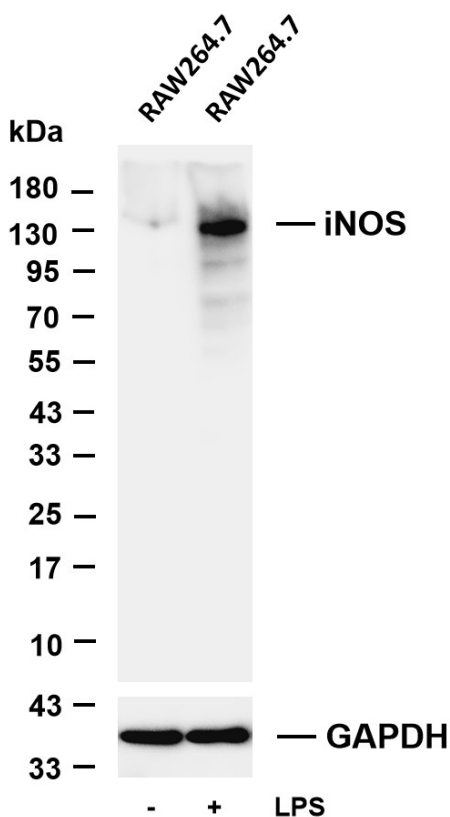


|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | NOS2 rabbit pAb                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Cat number:</b>       | ABE2973                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Size:</b>             | 100 ug                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Clone:</b>            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration:</b>    | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen:</b>        | The antiserum was produced against synthesized peptide derived from human iNOS. AA range:117-166                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity:</b>       | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications:</b>     | IF: 1:50-200 WB 1:500-2000, ELISA 1:10000-20000 IHC 1:50-300                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Weight:</b> | 131kD                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form:</b>             | liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage:</b>          | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Background:</b>       | 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.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-iNOS antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: RAW264.7 Lane 2: RAW264.7 treated overnight with 1μg/ml LPS Predicted band size: 131kDa Observed band size: 131kDa