

Anti-NOXA2/p67phox Rabbit Monoclonal Antibody

Catalog Number: M02476-1

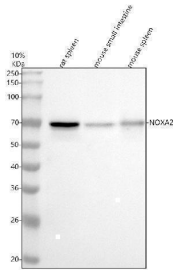
Overview

| | |
|----------------------|--|
| Product Name | Anti-NOXA2/p67phox Rabbit Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-NOXA2/p67phox Rabbit Monoclonal Antibody catalog # M02476-1. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat. |
| Application | IP, IF, IHC, ICC, WB |
| Clonality | Monoclonal 19N84 |
| Formulation | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P19878 |

Technical Details

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|---------------------|---|
| Immunogen | A synthesized peptide derived from human NOXA2/p67phox |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 0.5mg/ml |
| Purification | Affinity-chromatography |
| Suggested Dilutions | WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 IP 1:50 |

Anti-NOXA2/p67phox Rabbit Monoclonal Antibody (M02476-1) Images



Western blot analysis of NOXA2 using anti-NOXA2 antibody (M02476-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat spleen tissue lysates, Lane 2: mouse small intestine tissue lysates, Lane 3: mouse spleen tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NOXA2 antigen affinity purified monoclonal antibody (M02476-1) at 1:500 overnight at 4°C, then washed with TBS-10% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for NOXA2 at approximately 67 kDa. The expected band size for NOXA2 is at 60 kDa.

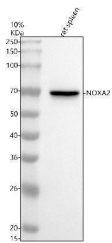


Figure 1. Western blot analysis of NOXA2/p67phox/NCF2 using anti-NOXA2/p67phox/NCF2 antibody (M02476-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat spleen tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NOXA2/p67phox/NCF2 antigen affinity purified monoclonal antibody (M02476-1) at a dilution of 1:500 overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for NOXA2/p67phox/NCF2 at approximately 67 kDa. The expected band size for NOXA2/p67phox/NCF2 is at 60 kDa.

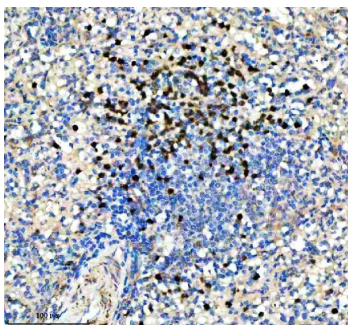


Figure 2. IHC analysis of NOXA2/p67phox/NCF2 using anti-NOXA2/p67phox/NCF2 antibody (M02476-1). NOXA2/p67phox/NCF2 was detected in a paraffin-embedded section of human spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with a dilution of 1:100 rabbit anti-NOXA2/p67phox/NCF2 Antibody (M02476-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision

Assay Kit (Catalog # SV0002) with DAB as the chromogen.

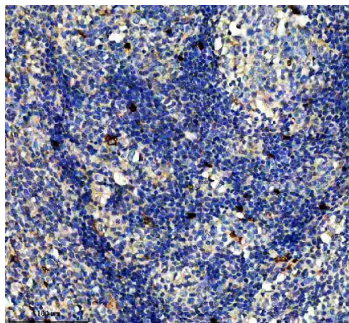


Figure 3. IHC analysis of NOXA2/p67phox/NCF2 using anti-NOXA2/p67phox/NCF2 antibody (M02476-1). NOXA2/p67phox/NCF2 was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with a dilution of 1:100 rabbit anti-NOXA2/p67phox/NCF2 Antibody (M02476-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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Anti-NOXA2/p67phox Rabbit Monoclonal Antibody

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