

## NOXA2/p67phox Antibody

**CAB1178**

### Description

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This NOXA2/p67phox Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CAB1178
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	NCF-2, NOXA2, P67PHOX, P67-PHOX, NOXA2/p67phox
<b>Clone:</b>	-
<b>Applications:</b>	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">WB</span> <span style="background-color: #ADD8E6; border: 1px solid black; padding: 2px 5px;">ELISA</span> <span style="background-color: #3CB371; border: 1px solid black; padding: 2px 5px;">IF-P</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse

### Antibody Data

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<b>Gene ID:</b>	4688
<b>Uniprot:</b>	AB_2758750
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	68kDa
<b>Calculated MW:</b>	60kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

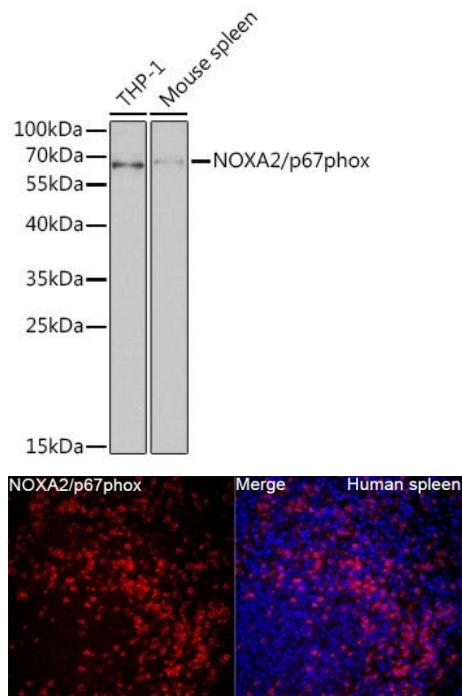
**Positive Sample:** THP-1, Mouse spleen

**Recommended Dilutions:**

<b>WB</b>	1:500 - 1:2000
<b>IF-P</b>	1:100 - 1:400
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using NOXA2/p67phox Rabbit pAb (CAB1178) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

Immunofluorescence analysis of Human spleen tissue using NOXA2/p67phox Rabbit pAb (CAB1178) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.