

A1178

Leader in Biomolecular Solutions for Life Science



NOXA2/p67phox Rabbit pAb

Catalog No.: A1178

3 Publications

Basic Information

Observed MW

68kDa

Calculated MW

60kDa

Category

Polyclonal Antibody

Applications

WB,ELISA,IF-P

Cross-Reactivity

Human,Mouse

Background

This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

WB 1:500 - 1:2000

IF-P 1:100 - 1:400

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4688

Swiss Prot

P19878

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

NCF-2; NOXA2; P67PHOX; P67-PHOX; NOXA2/p67phox

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

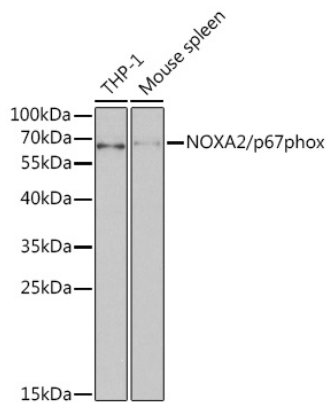
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using NOXA2/p67phox Rabbit pAb (A1178) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.