

A1148

Leader in Biomolecular Solutions for Life Science



p47phox/NCF1 Rabbit pAb

Catalog No.: A1148 **5 Publications**

Basic Information

Observed MW

47kDa/

Calculated MW

45kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

The protein encoded by this gene is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in this gene have been associated with chronic granulomatous disease.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:100

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

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

Contact

 www.abclonal.com

Immunogen Information

Gene ID

653361

Swiss Prot

P14598

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-390 of human p47phox/NCF1 (NP_000256.4).

Synonyms

CGD1; NCF1A; NOXO2; p47phox; SH3PXD1A; p47phox/NCF1

Product Information

Source

Rabbit

Isotype

IgG

Purification

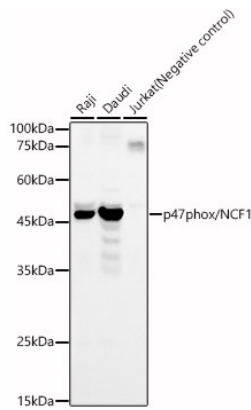
Affinity purification

Storage

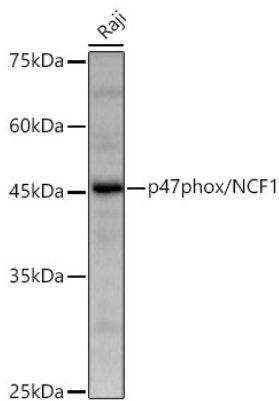
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

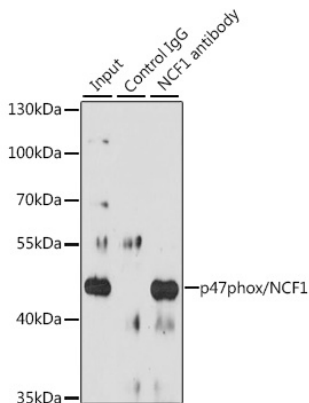
Validation Data



Western blot analysis of various lysates, using p47phox/NCF1 Rabbit pAb (A1148) at 1:400 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.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Western blot analysis of lysates from Raji cells using p47phox/NCF1 Rabbit pAb (A1148) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time:10s.



Immunoprecipitation analysis of 200 µg extracts of Raji cells, using 3 µg p47phox/NCF1 antibody (A1148). Western blot was performed from the immunoprecipitate using p47phox/NCF1 antibody (A1148) at a dilution of 1:1000.