

p47phox/NCF1 Rabbit mAb

Catalog No.: A5143 **Recombinant**

Basic Information

Observed MW

47kDa

Calculated MW

45kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

CloneNo number

ARC1206

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

Immunogen Information

Gene ID

653361

Swiss Prot

P14598

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 291-390 of human p47phox/NCF1 (P14598).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

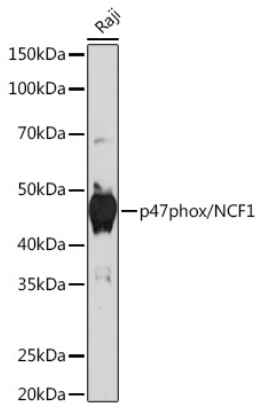
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of Raji cells, using p47phox/NCF1 Rabbit mAb (A5143) at 1:1000 dilution.
Secondary antibody: HRP 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: 60s.