

p47-phox Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252159

Unit: 0.1 mg

Description:

p47-phox (NCF1) interacts with NCF2 and cytochrome b558 for activation of NADPH oxidase, which is required for superoxide production. Defects in p47-phox are linked to chronic granulomatous disease, a genetic disorder characterized by the inability of neutrophils and phagocytes to kill microbes they have ingested. Patients can suffer from life-threatening bacterial or fungal infections.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: M, R

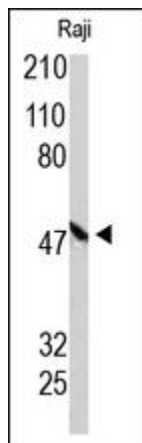
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1% BSA with 0.09% sodium azide. Antibody was purified by immunogen-affinity chromatography.

Alternate Names: Neutrophil cytosol factor 1; NCF-1; Neutrophil NADPH oxidase factor 1; 47 kDa neutrophil oxidase factor; p47-phox; NCF-47K; 47 kDa autosomal chronic granulomatous disease protein; Nox-organizing protein 2; Nox organizer 2; SH3 and PX domain-containing protein 1A; NCF1; NOXO2; SH3PXD1A

Accession No.: Q09014

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of mouse p47-phox.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



The p47-phox Antibody is used in Western blot to detect p47-phox in Raji cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Kim J et al. 2013. PLoS ONE. 8(9):e74458. PMID# 24040253

For research use only, not for diagnostic or therapeutic procedures.