

Anti-p47phox/NCF1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

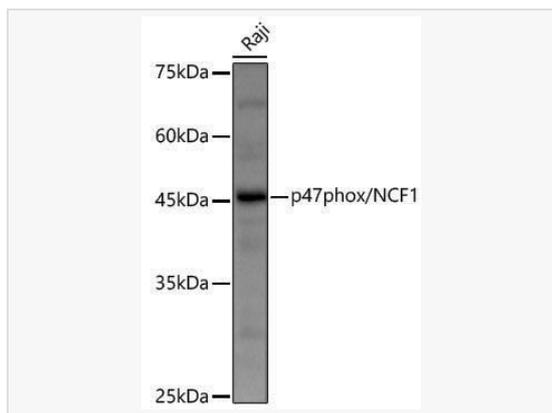
Catalog # P100716

Product Information

Application	WB, IF (Cell)/ICC, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:100; IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-390 of human p47phox/NCF1 (NP_000256.4).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-p47phox/NCF1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CGD1; NCF1A; NOXO2; p47phox; SH3PXD1A; p47phox/NCF1.
Calculated MW	Calculated MW: 45 kDa; Observed MW: 47 kDa/
Uniprot ID	P14598
Gene ID	653361
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.



Western blot analysis of lysates from Raji cells using p47phox/NCF1 Rabbit pAb (P100716) at 1:1,000 dilution.

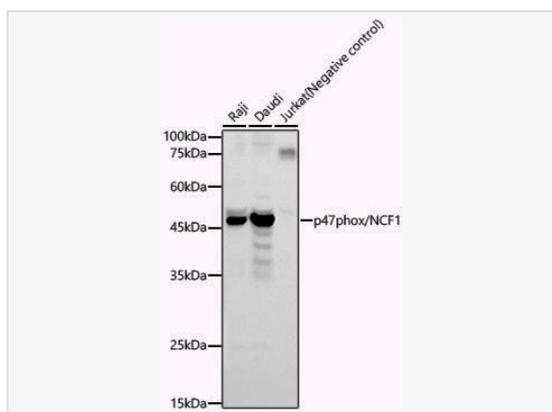
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 10s.



Western blot analysis of various lysates, using p47phox/NCF1 Rabbit pAb (P100716) at 1:400 dilution.

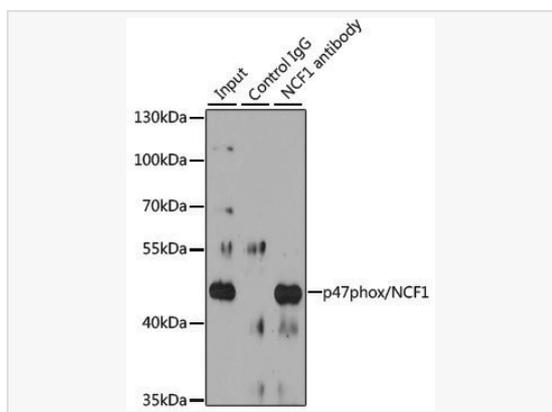
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 180s.



Immunoprecipitation analysis of 200 µg extracts of Raji cells, using 3 µg

p47phox/NCF1 antibody (P100716). Western blot was performed from the

immunoprecipitate using p47phox/NCF1 antibody (P100716) at a dilution of 1:1000.