Anti-p47phox/NCF1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100716

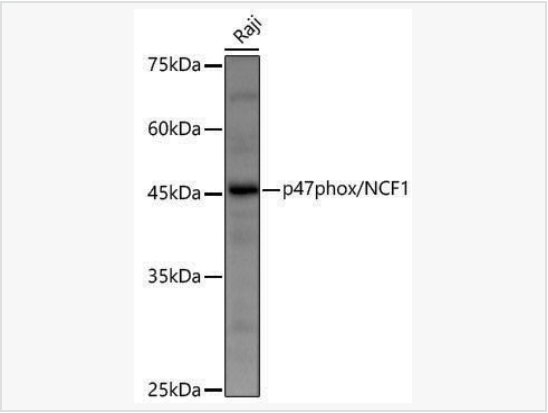
Product Information

Application	WB, IF (Cell)/ICC, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1000; 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.

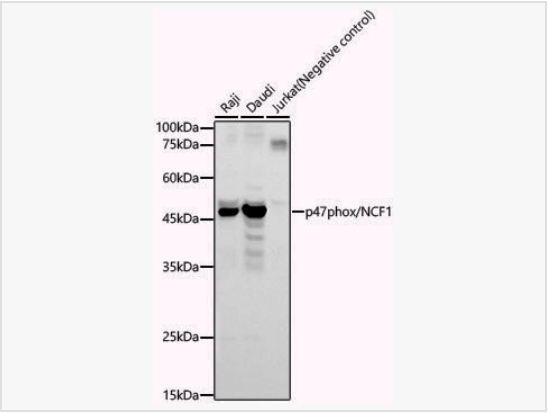
Protein Information

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.

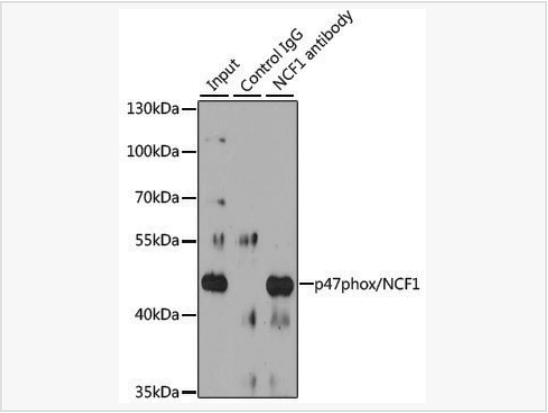
Validation Images



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.