

p47-phox Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP06793

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human p47 phox. AA range:311-360

Mol wt 44683

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name p47-phox Antibody

Synonyms NCF1; NOXO2; SH3PXD1A; Neutrophil cytosol factor 1; NCF-1; 47 kDa autosomal chronic

granulomatous disease protein; 47 kDa neutrophil oxidase factor; NCF-47K; Neutrophil NADPH oxidase

factor 1; Nox org

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

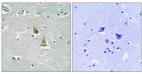
The protein encoded by NCF1 (neutrophil cytosolic factor 1) is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in NCF1 have been associated with chronic granulomatous disease.

Recommended Dilution

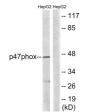
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 5000

Not yet tested in other applications.

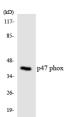
Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using p47 phox Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, treated with TNF 20ng/ml 5', using p47 phox Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using p47 phox antibody.

Storage

-20°C for one year

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