

p47-phox Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06794
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human p47 phox. AA range:281-330
Mol wt	44683
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, 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

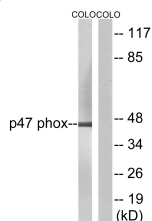
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

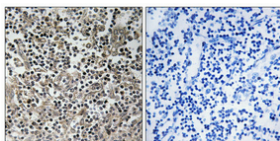
ELISA: 1: 20000

Not yet tested in other applications.

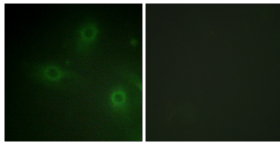
Images



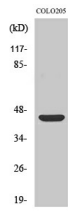
Western blot analysis of lysates from COLO205, using p47 phox Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunofluorescence analysis of HeLa cells, using p47 phox Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using p47-phox Polyclonal Antibody

Storage

-20°C for one year

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