

p47-phox Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06795
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human p47 phox. AA range:341-390
Mol wt	44683
Species reactivity	Human, Mouse, Rat
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

Neutrophil cytosolic factor 1 encoded by NCF1 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

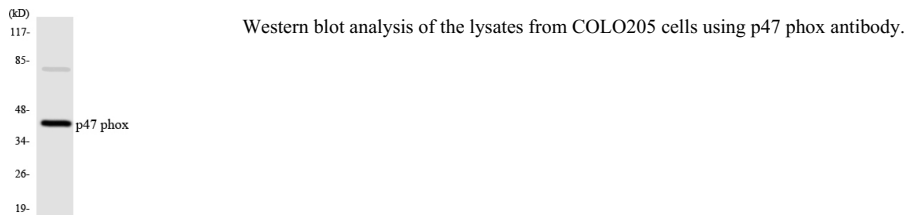
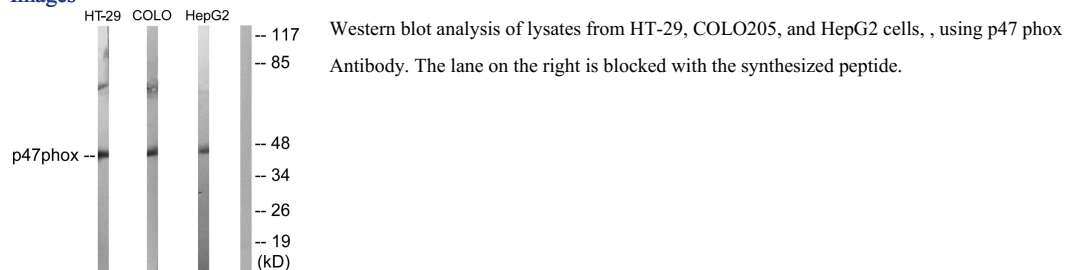
WB: 1: 500 - 1: 2000

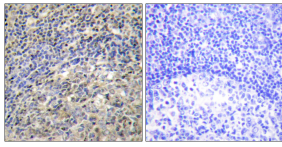
IHC: 1: 100 - 1: 300

ELISA: 1: 5000

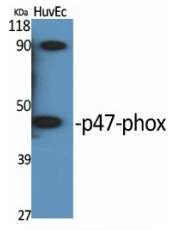
Not yet tested in other applications.

Images

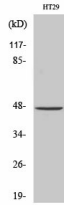




Immunohistochemistry analysis of paraffin-embedded human tonsil tissue, using p47 phox Antibody.
The picture on the right is blocked with the synthesized peptide.



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



Western Blot analysis of COLO205 cells using p47-phox Polyclonal Antibody

Storage

-20°C for one year

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