

**p47 phox(Ab-328) polyclonal antibody**

Catalog: BS65215

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

neutrophil cytosolic factor 1(NCF1) Homo sapiens 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. [provided by RefSeq, Jul 2008],

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Molecular Weight:**

~ 44 kDa

**Swiss-Prot:**

P14598

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Applications:**

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

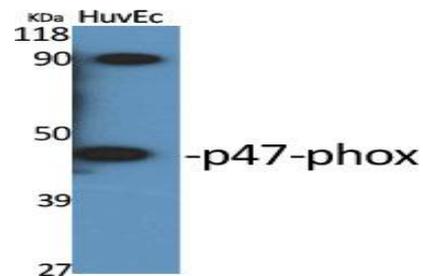
**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

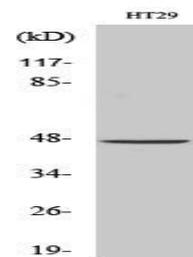
**Specificity:**

p47-phox Polyclonal Antibody detects endogenous levels of p47-phox protein.

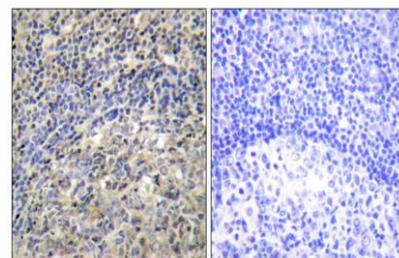
**DATA:**



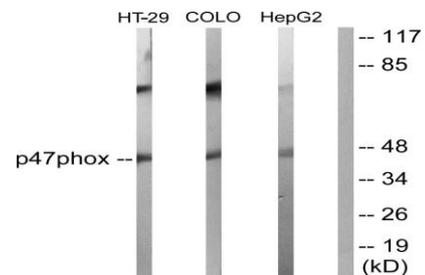
Western Blot analysis of various cells using p47-phox Polyclonal Antibody



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



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 lysates from HT-29, COLO205, and HepG2

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

cells, using p47 phox Antibody. The lane on the right is blocked with the synthesized peptide.

**Note:**

For research use only, not for use in diagnostic procedure.

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