

Anti-Phospho-p47 phox (S304) Rabbit Polyclonal Antibody



Catalog #: U0494

Aliases

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 organizer 2; Nox-organizing protein 2; SH3 and PX domain-containing protein 1A; p47-phox

Background

Gene Name: NCF1

NCBI Gene Entry: [653361](#)

UniProt Entry: [P14598](#)

Application Information

Molecular Weight: Predicted, 44 kDa; observed, 47 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, dog, sheep

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human Phospho-p47 phox (S304)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

Note: This product is for research use only.

Validation Data

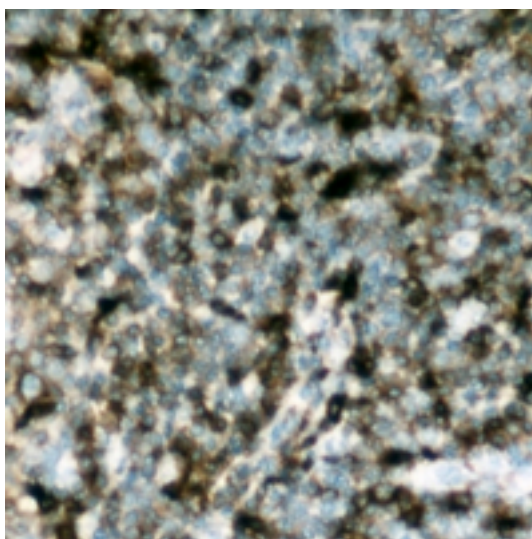
SUPPORT

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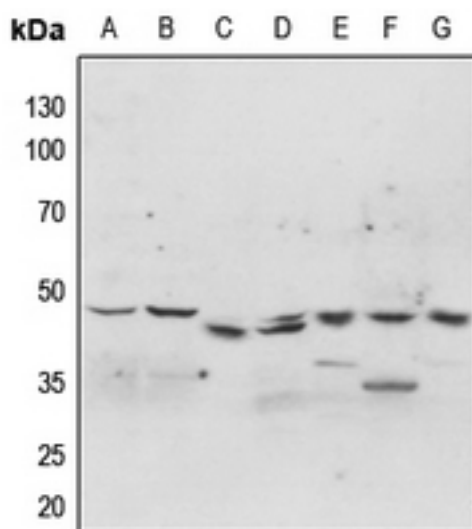
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Immunohistochemical analysis of p47 phox (Phospho-S304) staining in human lymph node formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of p47 phox (Phospho-S304) expression in HEK293T (A), Hela (B), mouse lung (C), mouse liver (D), rat liver (E), rat spleen (F) whole cell lysates.