10320 Camino Santa Fe, Suite G
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NCF1 / p47phox / p47 phox Antibody (aa341-390)

Rabbit Polyclonal Antibody
Catalog # ALS14220

Specification

NCF1 / p47phox / p47 phox Antibody (aa341-390) - Product Information

Application	**WB, IHC**
Primary Accession	P14598
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45kDa KDa**

NCF1 / p47phox / p47 phox Antibody (aa341-390) - Additional Information

Gene ID 653361

Other Names
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, NCF1, NOXO2, SH3PXD1A

Target/Specificity
p47 phox Antibody detects endogenous levels of total p47 phox protein.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
NCF1 / p47phox / p47 phox Antibody (aa341-390) is for research use only and not for use in diagnostic or therapeutic procedures.

NCF1 / p47phox / p47 phox Antibody (aa341-390) - Protein Information

Name NCF1

Synonyms NOXO2, SH3PXD1A

Function
NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).

Cellular Location
Cytoplasm, cytosol. Membrane; Peripheral membrane protein; Cytoplasmic side

Tissue Location
Detected in peripheral blood monocytes and neutrophils (at protein level).

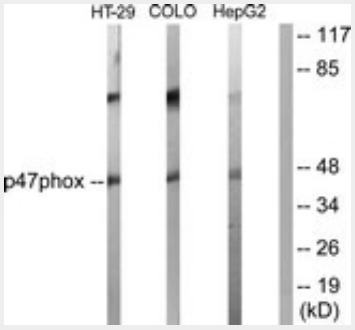
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NCF1 / p47phox / p47 phox Antibody (aa341-390) - Protocols

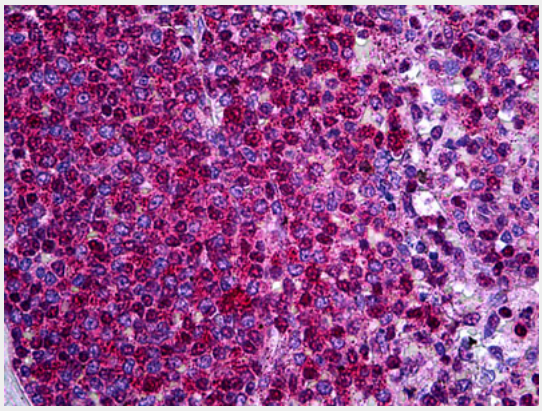
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NCF1 / p47phox / p47 phox Antibody (aa341-390) - Images



Western blot of extracts from HT-29/COLO205/HepG2 cells,, using p47 phox Antibody.



Anti-p47phox antibody IHC of human spleen.

NCF1 / p47phox / p47 phox Antibody (aa341-390) - Background

NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).

NCF1 / p47phox / p47 phox Antibody (aa341-390) - References

Volpp B.D.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:7195-7199(1989).
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Lomax K.J.,et al.Science 245:409-412(1989).
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