

p47phox Polyclonal Antibody

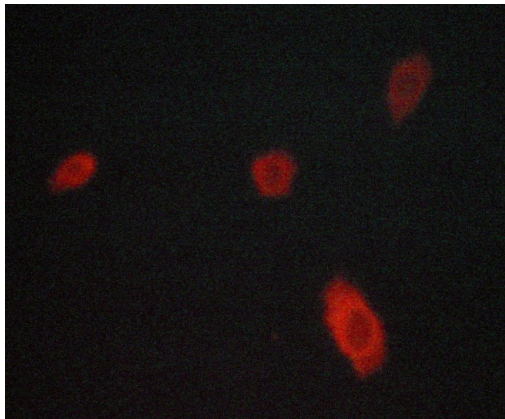
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human NCF1(Accession P14598), corresponding to amino acid residues P346-V390.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2853566

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

Product Specific Information

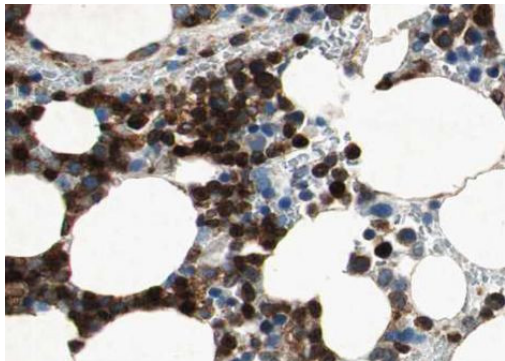
Antibody detects endogenous levels of total NCF1/p47-phox.

Product Images For p47phox Polyclonal Antibody



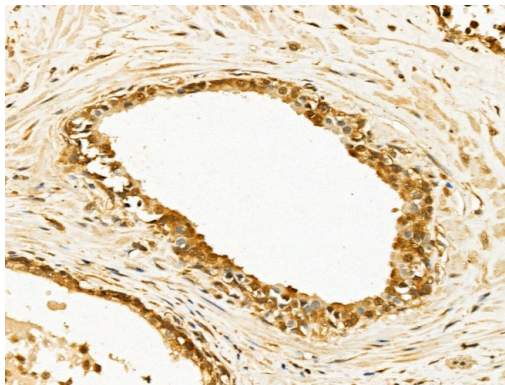
p47phox Antibody (PA5-104250) in ICC/IF

Immunofluorescent analysis of p47phox in LOVO cells. Samples were fixed with paraformaldehyde, permeabilized with 0.1% saponin, blocked with 10% serum (45 min, 37°C) incubated with p47phox polyclonal antibody (Product # PA5-104250) using a dilution of 1:400 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 at a dilution of 1:600.



p47phox Antibody (PA5-104250) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded p47phox in human Bone marrow tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with p47phox polyclonal antibody (Product # PA5-104250) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.



p47phox Antibody (PA5-104250) in IHC (P)

Immunohistochemistry analysis of p47phox in human ovarian cancer. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. Samples were incubated with p47phox polyclonal antibody (Product # PA5-104250) using a dilution of 1:100 (4°C overnight) followed by HRP conjugated anti-Rabbit secondary antibody.

[View more figures on thermofisher.cn](https://www.thermofisher.cn)

Western Blot (1)

Frontiers in cell and developmental biology	Year 2022
Gut-Liver Axis: Liver Sinusoidal Endothelial Cells Function as the Hepatic Barrier in Colitis-Induced Liver Injury.	Species Rat
"PA5-104250 was used in Western Blotting to test the hypothesis that there is a hepatic barrier in the gut-liver axis, which protects the liver against gut-derived invasive factors." Authors: Wang Y,Zhang Y,Liu Y,Xu J,Liu Y	Dilution 1:2,000

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