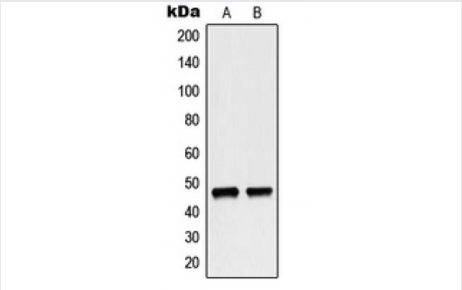
p47-phox Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	p47 phox (p47-phox), Polyclonal Antibody
Full Product Name	p47 phox Antibody
Product Gene Name	anti-p47-phox antibody
Product Synonym Names	Purified Polyclonal p47 phox Antibody; Polyclonal p47 phox antibody; Anti-p47 phox antibody; NOXO2 antibody; SH3PXD1A antibody; Neutrophil cytosol factor 1 antibody; NCF-1 antibody; 47 kDa autosomal chronic granulomatous disease protein antibody; 47 kDa neutrophil oxidase factor antibody; NCF-47K antibody; Neutrophil NADPH oxidase factor 1 antibody; Nox organizer 2 antibody; Nox-organizing protein 2 antibody; SH3 and PX domain-containing protein 1A antibody; p47-phox antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Supplied in liquid form in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3 with 30% Glycerol and 0.01% Sodium Azide
Purity/Purification	Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of p47 phox protein
Preparation and Storage	Store at 4 degree C for short term storage. For long term, aliquot and store at -20 degree C. Avoid repeat freeze/thaw cycles.
Immunogen	p47 phox antibody was raised in Rabbit using a KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p47 phox as the immunogen
Cross-Reactivity	Rabbit
Product Categories/Family for anti-p47-phox antibody	Proteases; Inhibitors; & Enzymes
Applications Tested/Suitable for anti-p47-phox antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)
Application Notes for anti-p47-phox antibody	WB: 1:500-1:1000 IHC: 1:100-1:200 IP: 1:10-1:100
Related Product Information for anti-p47-phox antibody	p47 phox 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.
Other Notes	Small volumes of anti-p47-phox antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for p47-phox purchase	MBS5315858 is an antibody targeting p47-phox. Also known as p47 phox Antibody. Host: Rabbit.



Western Blot (WB) of anti-p47-phox antibody
Western blot analysis of p47 phox expression in MCF7 (A); HeLa (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for p47-phox. It may not necessarily be applicable to this product.

NCBI GI #	2754713
NCBI GeneID	653361
UniProt Related Accession #	P14598
NCBI Official Full Name	p47-phox
NCBI Official Synonym Full Names	neutrophil cytosolic factor 1
NCBI Official Symbol	NCF1
NCBI Official Synonym Symbols	NCF1A; NOXO2; p47phox; SH3PXD1A
Protein Family	Neutrophil cytosol factor
NCBI Protein Information	neutrophil cytosol factor 1
NCBI Summary for p47-phox	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]
Research Articles on p47-phox	**1.** Correlation between genotype and phenotype is unpredictable, although clinically, the Kavkazi patients were more severely affected than other patients with p47phox deficiency.
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