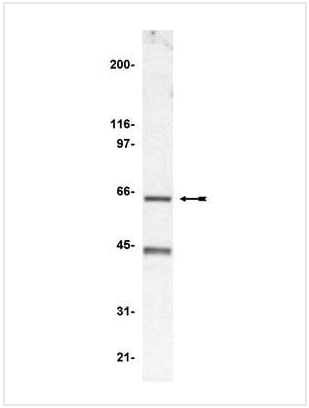
P67phox Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	p67phox, Polyclonal Antibody
Full Product Name	p67phox
Product Synonym Names	Anti -p67phox
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid, 0.02% azide.
Purity/Purification	Serum Neat serum
Specificity	Recognizes human p67-phox at 65kD; a degradation product is detected at 45kD. Species Crossreactivity: Reported for bovine.
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage and to avoid repeated freezing and thawing, add sterile 40-50% glycerol, aliquot and store at -20 degree C. Aliquots are stable for at least 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Immunogen	GST fusion protein corresponding to full-length human p67-phox.
Product Categories/Family for anti-p67phox antibody	Antibodies; Abs to Transcription Factors
Applications Tested/Suitable for anti-p67phox antibody	Western Blot (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)
Application Notes for anti-p67phox antibody	Suitable for use in Western Blot, Immunoprecipitation and Immunocytochemistry. Dilution: Western Blot: 1:500-1:2000 detects p67-phox in RIPA lysates from HL-60 cells. Note: p67-phox is highly susceptible to proteases. Immunoprecipitation: 4ul immunoprecipitated p67-phox from 500ug of HL-60 RIPA lysate. Immunocytochemistry: 1:500-1:4000 shows positive cytosolic immunostaining for p67-phox in HL-60 cells fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100.
Related Product Information for anti-p67phox antibody	P67PHOX is a 6-element fingerprint that provides a signature for neutrophil cytosol factor 2 (p67phox). Regulation of the respiratory burst takes place at the phagocytic vacuole. The process is mediated by NADPH oxidase, which transports electrons across the plasma membrane to form superoxide (an oxygen molecule with an extra electron that is toxic to normal cells) in the vacuole interior. The electrons are carried across the membrane by a short electron transport chain in the form of an unusual flavocytochrome b(1).
Other Notes	Small volumes of anti-p67phox 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 p67phox purchase	MBS616212 is an antibody targeting p67phox. Reactive in Human. Host: Rabbit.



Chemiluminescence of anti-p67phox antibody
WB: HL-60 cell lysate was resolved by electrophoresis, transferred to nitrocellulose and probed with MBS616212 (1:2000 dilution). Proteins were visualized using a goat anti-rabbit secondary antibody conjugated to HRP and a chemiluminescence detection system).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for p67phox. It may not necessarily be applicable to this product.

NCBI GI #	8439511
NCBI Official Full Name	p67-phox
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