

Rabbit anti-Human, Mouse p47 phox Polyclonal Antibody | anti-p47phox antibody

Rabbit anti-p47 phox (pS345) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220573	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

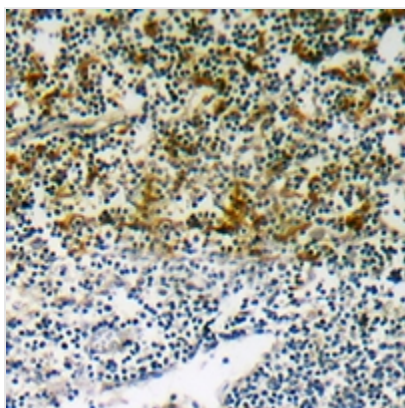
PRODUCT SYNONYMS

p47 phox; Polyclonal Antibody; Rabbit anti-p47 phox (pS345) Antibody; 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; anti-p47phox antibody

PRODUCT SPECIFICATIONS

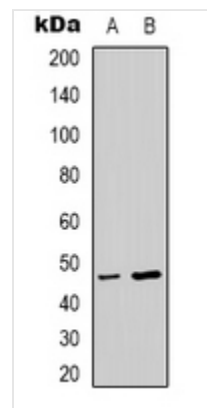
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-p47phox antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p47 phox. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of p47 phox (pS345) 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.



WB (Western Blot)

Western blot analysis of p47 phox (pS345) expression in HepG2 (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-p47phox antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115298672
NCBI GeneID	653361
NCBI Accession #	NP_000256.3
NCBI GenBank Nucleotide #	NM_000265.4
UniProt Accession #	P14598; Q09014
Molecular Weight	44,652 Da
NCBI Official Full Name	neutrophil cytosol factor 1
NCBI Official Synonym Full Names	neutrophil cytosolic factor 1
NCBI Official Symbol	NCF1
NCBI Official Synonym Symbols	NCF1A; NOXO2; p47phox; SH3PXD1A
NCBI Protein Information	neutrophil cytosol factor 1; NCF-1; NCF-47K; p47-phox; nox organizer 2; nox-organizing protein 2; NADPH oxidase organizer 2; 47 kDa neutrophil oxidase factor; neutrophil NADPH oxidase factor 1; SH3 and PX domain-containing protein 1A; 47 kDa autosomal chr
UniProt Protein Name	Neutrophil cytosol factor 1
UniProt Gene Name	NCF1
UniProt Synonym Gene Names	NOXO2; SH3PXD1A; NCF-1
UniProt Entry Name	NCF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/p47-phox-antibody-immunohistochemistry-western-blot-elisa/220573>