

anti-Human p47 phox Antibody | anti-p47 phox antibody

p47 phox (Phospho-Ser359) Antibody

CATALOG # AAA111321	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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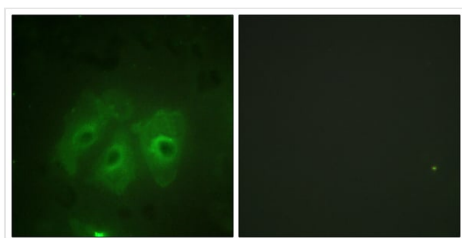
PRODUCT SYNONYMS

p47 phox; p47 phox (Phospho-Ser359) Antibody; 47 kDa autosomal chronic granulomatous disease protein; 47 kDa neutrophil oxidase factor; NCF-1; NCF-47K; NCF1; Neutrophil NADPH oxidase factor 1; Neutrophil cytosol factor 1; Neutrophil cytosolic factor 1; P47 phox; p47-phox; anti-p47 phox antibody

PRODUCT SPECIFICATIONS

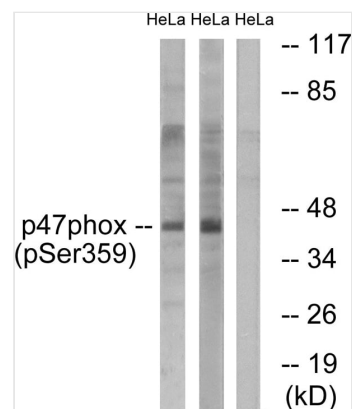
Reactivity	Human
Specificity	p47 phox (Phospho-Ser359) antibody detects endogenous levels of p47 phox only when phosphorylated at serine 359.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	390
Applicable Applications for anti-p47 phox antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p47 phox around the phosphorylation site of serine 359 (Q-R-SP-K-P).
All Sites	Human: Ser359
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



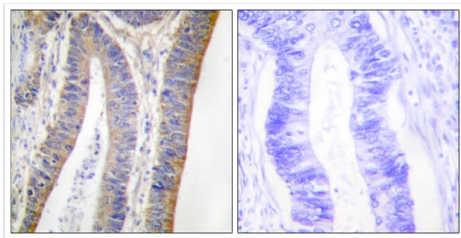
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using p47 phox (Phospho-Ser359) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using p47 phox (Phospho-Ser359) antibody. Western blot analysis of extracts from HeLa cells treated with nocodazole (1ug/ml, 18hours) and HeLa cells treated with TSA (400nM, 24hours), using p47 phox (Phospho-Ser359) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-p47phox antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Volpp B.D., Proc. Natl. Acad. Sci. U.S.A. 86:7195-7199(1989). Volpp B.D., Proc. Natl. Acad. Sci. U.S.A. 86:9563-9563(1989). Lomax K.J., Science 245:409-412(1989).

NCBI AND UNIPROT INFORMATION

NCBI GI #	528078313
NCBI GeneID	653361
NCBI Accession #	NP_000256.4
NCBI GenBank Nucleotide #	NM_000265.5
UniProt Accession #	P14598; O43842; Q2PP07; Q53FR5; Q9BU90; Q9BXI7; Q9BXI8; Q9UDV9; Q9UMU2; A6NEH2; A8K7S9
Molecular Weight	30,811 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
UniProt Protein Name	Neutrophil cytosol factor 1
UniProt Gene Name	NCF1
UniProt Synonym Gene Names	NOXO2; SH3PXD1A; NCF-1

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://stage.aaabiotech.com/human-antibody/p47-phox/111321>