

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

p47 phox (Phospho-Ser345) Antibody

CATALOG # AAA109506	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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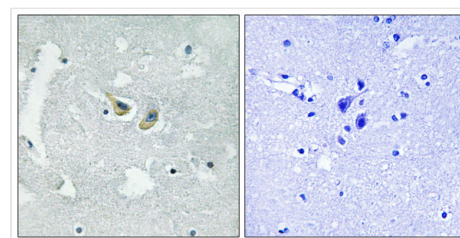
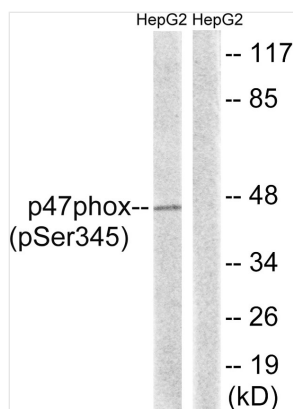
PRODUCT SYNONYMS

p47 phox; p47 phox (Phospho-Ser345) Antibody; 47 kDa autosomal chronic granulomatous disease protein; 47 kDa neutrophil oxidase factor; NCF-1; NCF-47K; NCF1; Neutrophil cytosol factor 1; Neutrophil cytosolic factor 1; Neutrophil NADPH oxidase factor 1; P47 phox; p47-phox; anti-p47 phox antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	p47 phox (Phospho-Ser345) antibody detects endogenous levels of p47 phox only when phosphorylated at serine 345.
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, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p47 phox around the phosphorylation site of serine 345 (P-Q-SP-P-G).
All Sites	Human: Ser345
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using p47 phox (Phospho-Ser345) antibody. Western blot analysis of extracts from HepG2 cells, treated with TNF (20ng/ml, 5mins), using p47 phox (Phospho-Ser345) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-p47 phox 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). Lomax K.J., Science 245:409-412(1989). Rodaway A.R.F., Mol. Cell. Biol. 10:5388-5396(1990).

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/109506>