

p47 phox Antibody | anti-p47 phox antibody

p47 phox (Phospho-Ser370) Antibody

CATALOG # AAA111922	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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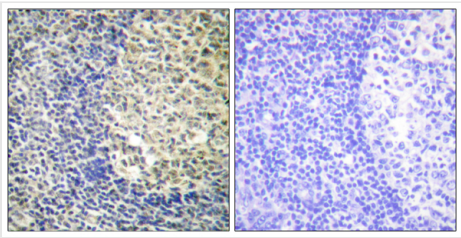
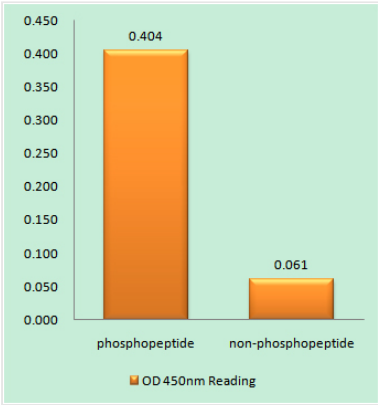
PRODUCT SYNONYMS

p47 phox; p47 phox (Phospho-Ser370) 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, Mouse, Rat
Specificity	p47 phox (Phospho-Ser370) antibody detects endogenous levels of p47 phox only when phosphorylated at serine 370.
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)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p47 phox around the phosphorylation site of serine 370 (R-P-SP-A-D).
All Sites	Human: Ser370 Mouse: Ser370 Rat: Ser369
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human tonsil tissue using p47 phox (Phospho-Ser370) antibody. p47 phox (Phospho-Ser370) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

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	PL Burger, J. Leukoc. Biol., Jan 2000; 67: 63. J Rosenthal, Blood, Dec 1996; 88: 4321-4329. Sen-Lin Li, J. Biol. Chem., Jul 1997; 272: 17802.

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.