p47 phox (Phospho-Ser359) Antibody

Catalog No: #12054

Package Size: #12054-1 50ul #12054-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

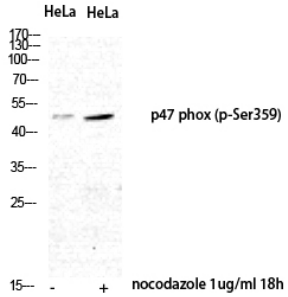
Product Name	p47 phox (Phospho-Ser359) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of p47 phox only when phosphorylated at Serine 359.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 359 (Q-R-S(p)-K-P) derived from Human p47 phox.
Target Name	p47 phox
Modification	Phospho
Other Names	NCF1A, NOXO2, p47phox, SH3PXD1A
Accession No.	Swiss-Prot#: P14598; NCBI Gene#: 653361; NCBI Protein#: NP_000256.4
Uniprot	P14598
GeneID	653361;
SDS-PAGE MW	45kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

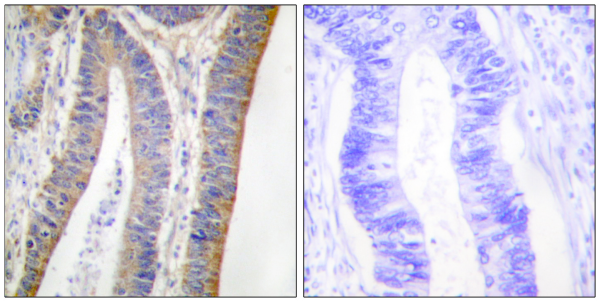
Predicted MW: 45kd

Western blotting: 1:500~1:1000

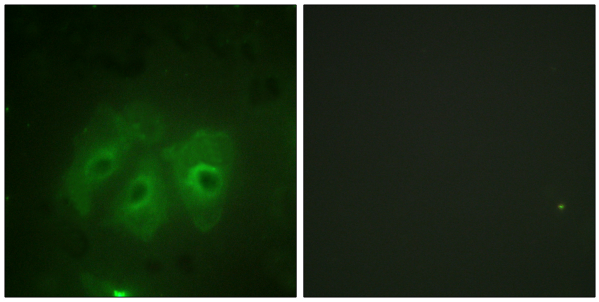
Images



Western Blot analysis of HeLa nocodazole 1ug/ml 18h cells using Phospho-p47-phox (S359) Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using p47 phox (Phospho-Ser359) Antibody. The picture on the right is blocked with the phospho peptide.



Immunofluorescence analysis of HeLa cells, using p47 phox (Phospho-Ser359) Antibody. The picture on the right is blocked with the phospho peptide.

Background

NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).

Note: This product is for in vitro research use only