

Neutrophil Cytosol Factor 1 (Phospho-Ser304) Antibody

Catalog No: #11703

Orders: order@signalwayantibody.com

Package Size: #11703-1 50ul #11703-2 100ul

Support: tech@signalwayantibody.com

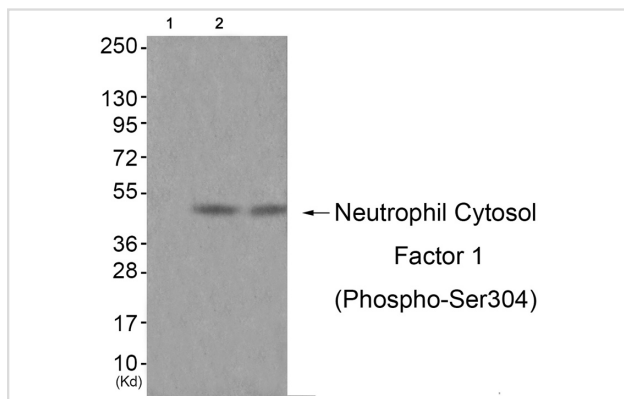
Description

Product Name	Neutrophil Cytosol Factor 1 (Phospho-Ser304) 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 chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of Neutrophil Cytosol Factor 1 only when phosphorylated at serine 304.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 304(R-S-S(p)-I-R) derived from Human Neutrophil Cytosol Factor 1.
Target Name	Neutrophil Cytosol Factor 1
Modification	Phospho
Other Names	NCF1; NCF-47K; P47 phox;
Accession No.	Swiss-Prot#: P14598; NCBI Gene#: 653361; NCBI Protein#: NP_000256.4.
Uniprot	P14598
GeneID	653361;
SDS-PAGE MW	44kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from JK cells (Lane 2) and cos-7 cells (Lane 3), using Neutrophil Cytosol Factor 1 (Phospho-Ser304) Antibody #11703. The lane on the left is treated with antigen-specific peptide.

Background

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

Rodaway A.R.F., Mol. Cell. Biol. 10:5388-5396(1990).

Gorlach A., J. Clin. Invest. 100:1907-1918(1997).

Chanock S.J., Blood Cells Mol. Dis. 26:37-46(2000)

Note: This product is for in vitro research use only