

产品名称: p47-phox (phospho Ser345) Rabbit Polyclonal Antibody
产品货号: APRab05160



产品概述 (Summary)

产品名称 (Production Name)	p47-phox (phospho Ser345) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NCF1
别名 (Alternative Names)	NCF1; NOXO2; SH3PXD1A; Neutrophil cytosol factor 1; NCF-1; 47 kDa autosomal chronic granulomatous disease protein; 47 kDa neutrophil oxidase factor; NCF-47K; Neutrophil NADPH oxidase factor 1; Nox organizer 2; Nox-organizing protein 2; SH3
基因 ID (Gene ID)	653361.0
蛋白 ID (SwissProt ID)	P14598.The antiserum was produced against synthesized peptide derived from human p47 phox around the phosphorylation site of Ser345. AA range:311-360

产品应用 (Application)

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稀释比 (Dilution Ratio) WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight) 45kDa

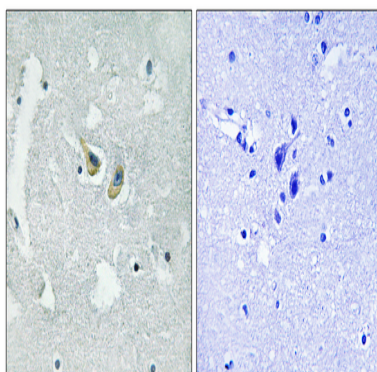
研究背景 (Background)

The protein encoded by this gene is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in this gene have been associated with chronic granulomatous disease. [provided by RefSeq, Jul 2008],disease:Defects in NCF1 are the cause of chronic granulomatous disease autosomal recessive cytochrome-b-positive type 1 (CGD1) [MIM:233700]. Chronic granulomatous disease is a genetically heterogeneous disorder characterized by the inability of neutrophils and phagocytes to kill microbes that they have ingested. Patients suffer from life-threatening bacterial/fungal infections.,function:NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).,online information:NCF1 deficiency database,similarity:Contains 1 PX (phox homology) domain.,similarity:Contains 2 SH3 domains.,subunit:Interacts with NOXA1.,

研究领域 (Research Area)

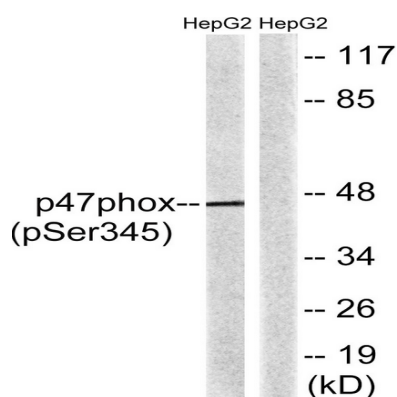
Chemokine;Fc gamma R-mediated phagocytosis;Leukocyte transendothelial migration;

图片 (Image Data)

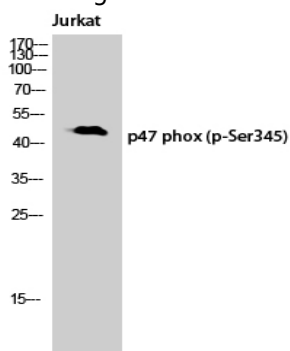


Immunohistochemistry analysis of paraffin-embedded human brain, using p47 phox (Phospho-Ser345) Antibody. The picture on the right is blocked with the phospho peptide.

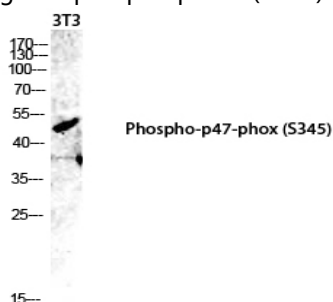
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Western blot analysis of lysates from HepG2 cells treated with TNF 20ng/ml 5', using p47 phox (Phospho-Ser345) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of Jurkat cells using Phospho-p47-phox (S345) Polyclonal Antibody diluted at 1: 1000



Western blot analysis of 3T3 cells using Phospho-p47-phox (S345) antibody. Antibody was diluted at 1:1000

注意事项 (Note)

For research use only .