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NCF4/p40-phox Rabbit pAb

货号: **AYP17578**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	39kDa
实测分子量	40KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-937,RAW264.7,Rat lung
细胞定位	Cytoplasm,Cytoplasmic side,Endosome membrane,Membrane,Peripheral membrane protein,cytosol
纯化	Affinity purification

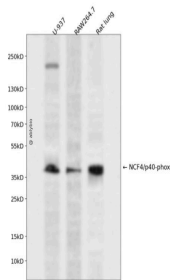
抗原信息

抗原信息	A synthetic phosphorylated peptide around T154 of human NCF4/p40-phox (NP_000622.2).
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靶点信息

研究背景	The protein encoded by this gene is a cytosolic regulatory component of the superoxide-producing phagocyte NADPH-oxidase, a multicomponent enzyme system important for host defense. This protein is preferentially expressed in cells of myeloid lineage. It interacts primarily with neutrophil cytosolic factor 2 (NCF2/p67-phox) to form a complex with neutrophil cytosolic factor 1 (NCF1/p47-phox), which further interacts with the small G protein RAC1 and translocates to the membrane upon cell stimulation. This complex then activates flavocytochrome b, the membrane-integrated catalytic core of the enzyme system. The PX domain of this protein can bind phospholipid products of the PI(3) kinase, which suggests its role in PI(3) kinase-mediated signaling events. The phosphorylation of this protein was found to negatively regulate the enzyme activity. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
基因ID	4689
基因名	NCF4
Swiss	Q15080 (https://www.uniprot.org/uniprotkb/Q15080/entry)
别名	NCF4,CGD3,NCF,P40PHOX,SH3PXD4,NCF4/p40-phox Rabbit pAb,Neutrophil NADPH oxidase factor 4,SH3 and PX domain-containing protein 4,p40-phox

产品验证



Western blot analysis of NCF4/p40-phox expressed in U-937,RAW264.7,Rat lung using NCF4/p40-phox Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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