

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

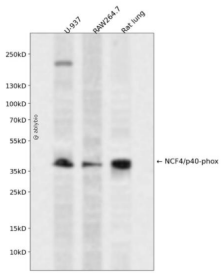
抗原信息	A synthetic phosphorylated peptide around T154 of human NCF4/p40-phox (NP_000622.2).
序列	PRTRK

靶点信息

研究背景	<p>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.</p>
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基因ID	4689
基因名	NCF4
Swiss	Q15080
别名	NCF4;CGD3;NCF;P40PHOX;SH3PXD4

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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