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S100A8 Rabbit pAb

货号: AYP22869

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	**WB:** 1:500 - 1:1000 **IHC:** 1:50 - 1:200
理论分子量	10kDa
实测分子量	11KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse lung,Mouse spleen,Rat spleen
细胞定位	cytosol,extracellular space,intermediate filament cytoskeleton,plasma membrane
纯化	Affinity purification

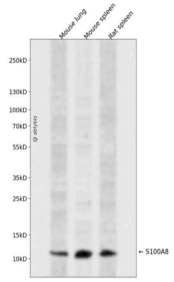
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-89 of mouse S100A8 (NP_038678.1).

靶点信息

研究背景	S100A8 is a calcium- and zinc-binding protein which plays a prominent role in the regulation of inflammatory processes and immune response. It can induce neutrophil chemotaxis and adhesion. Predominantly found as calprotectin (S100A8/A9 which has a wide plethora of intra- and extracellular functions. The intracellular functions include: facilitating leukocyte arachidonic acid trafficking and metabolism, modulation of the tubulin-dependent cytoskeleton during migration of phagocytes and activation of the neutrophilic NADPH-oxidase. Activates NADPH-oxidase by facilitating the enzyme complex assembly at the cell membrane, transferring arachidonic acid, an essential cofactor, to the enzyme complex and S100A8 contributes to the enzyme assembly by directly binding to NCF2/P67PHOX. The extracellular functions involve proinflammatory, antimicrobial, oxidant-scavenging and apoptosis-inducing activities.
基因ID	20201
基因名	S100a8
Swiss	P27005 (https://www.uniprot.org/uniprotkb/P27005/entry)
别名	p,Ca,MR,p8,B8A,CFA,B8Ag,CFAg,CP-1,Caga,MRP8,60B8A,CP-10,60B8Ag,AI323541,S100A8 Rabbit pAb,S100a8,Calgranulin-A,Chemotactic cytokine CP-10,Leukocyte L1 complex light chain,Migration inhibitory factor-related protein 8,Pro-inflammatory S100 cytokine,S100 calcium-binding protein A8

产品验证



Western blot analysis of S100A8 expressed in Mouse lung,Mouse spleen,Rat spleen using S100A8 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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