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PYCARD Rabbit pAb

货号: AYP22874

产品信息

反应	Human,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	21kDa
实测分子量	25kDa
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	THP-1,U-937,Mouse spleen,Mouse thymus,Rat spleen,Rat thymus
细胞定位	AIM2 inflammasome complex,cytoplasm,cytosol,endoplasmic reticulum,extracellular region,IkappaB kinase complex,inflammasome complex,mitochondrion,NLRP1 inflammasome complex,NLRP3 inflammasome complex,NLRP6 inflammasome complex,nucleolus,nucleoplasm,nucleus
纯化	Affinity purification

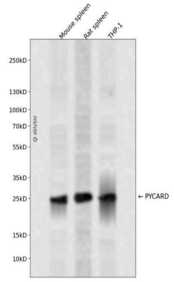
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-93 of mouse PYCARD (NP_075747.3).

靶点信息

研究背景	Functions as key mediator in apoptosis and inflammation. Promotes caspase-mediated apoptosis involving predominantly caspase-8 and also caspase-9 in a probable cell type-specific manner. Involved in activation of the mitochondrial apoptotic pathway, promotes caspase-8-dependent proteolytic maturation of BID independently of FADD in certain cell types and also mediates mitochondrial translocation of BAX and activates BAX-dependent apoptosis coupled to activation of caspase-9, -2 and -3. Involved in macrophage pyroptosis, a caspase-1-dependent inflammatory form of cell death and is the major constituent of the ASC pyroptosome which forms upon potassium depletion and rapidly recruits and activates caspase-1. In innate immune response believed to act as an integral adapter in the assembly of the inflammasome which activates caspase-1 leading to processing and secretion of proinflammatory cytokines. The function as activating adapter in different types of inflammasomes is mediated by the pyrin and CARD domains and their homotypic interactions.
基因ID	66824
基因名	Pycard
Swiss	Q9EPB4 (https://www.uniprot.org/uniprotkb/Q9EPB4/entry)
别名	A,Asc,TMS-,TNS1,masc,CARD5,TMS-1,9130417A21Rik,PYCARD Rabbit pAb,Pycard,PYD and CARD domain-containing protein

产品验证



Western blot analysis of PYCARD expressed in Mouse spleen,Rat spleen,THP-1 using PYCARD 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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