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PSTPIP1 Rabbit pAb

货号: **AYP10420**

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 - 1:2000 IHC: 1:50 - 1:200
理论分子量	45kDa/47kDa
实测分子量	48kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	THP-1,mouse spleen,mouse thymus,mouse brain,rat brain,Mouse spleen,Mouse thymus,Mouse brain,Rat brain
细胞定位	Cell projection,Cleavage furrow,Cytoplasm,cytoskeleton,lamellipodium,perinuclear region,uropodium
纯化	Affinity purification

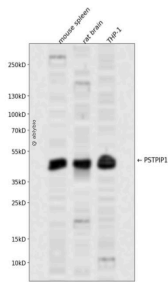
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 157-416 of human PSTPIP1 (NP_003969.2).
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靶点信息

研究背景	This gene encodes a cytoskeletal protein that is highly expressed in hemopoietic tissues. This protein functions via its interaction with several different proteins involved in cytoskeletal organization and inflammatory processes. It binds to the cytoplasmic tail of CD2, an effector of T cell activation and adhesion, downregulating CD2-triggered adhesion. It binds PEST-type protein tyrosine phosphatases (PTP) and directs them to c-Abl kinase to mediate c-Abl dephosphorylation, thereby, regulating c-Abl activity. It also interacts with p130cas, which is found in association with the cytoskeleton in myeloid/monocytic cells and modulates immunoregulatory functions. Mutations in this gene are associated with PAPA (pyogenic sterile arthritis, pyoderma gangrenosum, and acne) syndrome. It is hypothesized that the disease-causing mutations compromise physiologic signaling necessary for the maintenance of a proper inflammatory response.
基因ID	9051
基因名	PSTPIP1
Swiss	O43586 (https://www.uniprot.org/uniprotkb/O43586/entry)
别名	PSTPIP1,CD2BP1,CD2BP1L,CD2BP1S,H-PIP,PAPAS,PSTPIP,PSTPIP1 Rabbit pAb,CD2-binding protein 1

产品验证



Western blot analysis of PSTPIP1 expressed in mouse spleen, rat brain, THP-1 using PSTPIP1 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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