

产品名称: WIP Rabbit Polyclonal Antibody
产品货号: APRab19902



产品概述 (Summary)

产品名称 (Production Name)	WIP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	WIPF1 WIPF1; WASPIP; WIP; WAS/WASL-interacting protein family member 1;
别名 (Alternative Names)	Protein PRPL-2; Wiskott-Aldrich syndrome protein-interacting protein; WASP-interacting protein
基因 ID (Gene ID)	7456.0
蛋白 ID (SwissProt ID)	O43516.The antiserum was produced against synthesized peptide derived from human WIPF1. AA range:421-470

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	52kDa

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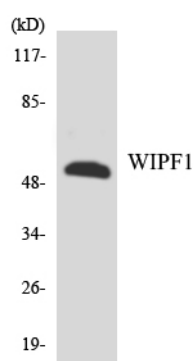


研究背景 (Background)

This gene encodes a protein that plays an important role in the organization of the actin cytoskeleton. The encoded protein binds to a region of Wiskott-Aldrich syndrome protein that is frequently mutated in Wiskott-Aldrich syndrome, an X-linked recessive disorder. Impairment of the interaction between these two proteins may contribute to the disease. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008],domain: Binds to WAS within the N-terminal region 170, at a site distinct from the CDC42-binding site.,function: May have direct activity on the actin cytoskeleton. Induces actin polymerization and redistribution. Contributes with NCK1 and GRB2 in the recruitment and activation of WASL. May participate in regulating the subcellular localization of WASL, resulting in the disassembly of stress fibers in favor of filopodia formation (By similarity). Plays an important role in the intracellular motility of vaccinia virus by functioning as an adapter for recruiting WASL to vaccinia virus.,miscellaneous: Recruited to PIP5K-induced vesicle surfaces in the absence of functional WASL.,similarity: Belongs to the verprolin family.,similarity: Contains 1 WH2 domain.,subcellular location: Vesicle surfaces and along actin tails. Co-localized with actin stress fibers. When co-expressed with WASL, no longer associated with actin filaments but accumulated in perinuclear and cortical areas like WASL.,subunit: Binds to WAS, profilin and actin. Binds to WASL.,tissue specificity: Highly expressed in peripheral blood mononuclear cells, spleen, placenta, small intestine, colon and thymus. Lower expression in ovary, heart, brain, lung, liver, skeletal muscle, kidney, pancreas, prostate and testis.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of the lysates from HT-29 cells using WIPF1 antibody.

注意事项 (Note)

For research use only .