

产品名称: IRTKS Rabbit Polyclonal Antibody
产品货号: AP Rab12762



产品概述 (Summary)

产品名称 (Production Name)	IRTKS 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)	BAIAP2L1 BAIAP2L1; IRTKS; Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1; BAI1-associated protein 2-like protein 1; Insulin receptor tyrosine kinase substrate
别名 (Alternative Names)	
基因 ID (Gene ID)	55971.0
蛋白 ID (SwissProt ID)	Q9UHR4.The antiserum was produced against synthesized peptide derived from human BAIAP2L1. AA range:111-160

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)	57kDa

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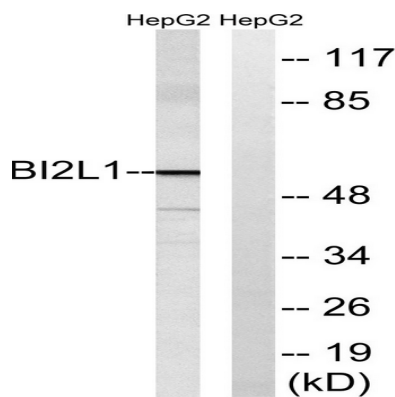


研究背景 (Background)

This gene encodes a member of the IMD (IRSp53/MIM homology domain) family. Members of this family can be subdivided in two groups, the IRSp53-like and MIM-like, based on the presence or absence of the SH3 (Src homology 3) domain. The protein encoded by this gene contains a conserved IMD, also known as F-actin bundling domain, at the N-terminus, and a canonical SH3 domain near the C-terminus, so it belongs to the IRSp53-like group. This protein is the substrate for insulin receptor tyrosine kinase and binds to the small GTPase Rac. It is involved in signal transduction pathways that link deformation of the plasma membrane and remodeling of the actin cytoskeleton. It also promotes actin assembly and membrane protrusions when overexpressed in mammalian cells, and is essential to the formation of a potent actin assembly complex during EHEC (Enterohemorrhagic Escherichia coli) pedestal formation. The IMD domain is predicted to have a helical structure. It may induce actin bundling and filopodia formation. function: May function as adapter protein (Potential). Involved in the formation of clusters of actin bundles. PTM: Phosphorylated on tyrosine in response to insulin. similarity: Contains 1 IMD (IRSp53/MIM homology) domain. similarity: Contains 1 SH3 domain. subunit: Interacts with RAC1. Binds to F-actin.

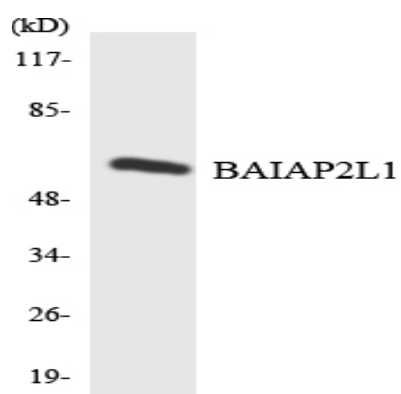
研究领域 (Research Area)

图片 (Image Data)

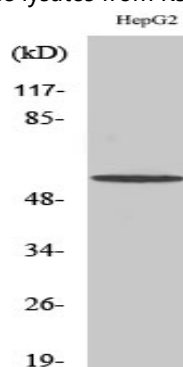


Western blot analysis of lysates from HepG2 cells, using BAIAP2L1 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from K562 cells using BAIAP2L1 antibody.



Western Blot analysis of various cells using IRTKS Polyclonal Antibody diluted at 1 : 2000

注意事项 (Note)

For research use only .