

产品名称: Shb Rabbit Polyclonal Antibody

产品货号: APRab17854

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ELISA
种属反应(Reactivity)	Human,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
分子量(Molecular Weight)	55kDa

抗原信息(Antigen Information)

基因名(Gene Name)	SHB
别名(Alternative Names)	SHB; SH2 domain-containing adapter protein B
基因 ID(Gene ID)	6461.0
SwissProt ID	Q15464
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human SHB. AA range:411-460

研究背景 (Background)

domain:The SH2 domain preferentially binds phosphopeptides with the consensus sequence Y-[TVI]-X-L and mediates interaction with PDGFRA, PDGFRB, FGRFR1, IL2RB, IL2RG, CD3Z and CRK/CrKII.,function:Adapter protein which regulates

several signal transduction cascades by linking activated receptors to downstream signaling components. May play a role in angiogenesis by regulating FGFR1, VEGFR2 and PDGFR signaling. May also play a role in T-cell antigen receptor/TCR signaling, interleukin-2 signaling, apoptosis and neuronal cells differentiation by mediating basic-FGF and NGF-induced signaling cascades. May also regulate IRS1 and IRS2 signaling in insulin-producing cells.,PTM:Phosphorylated upon PDGFRA, PDGFRB, TCR, IL2 receptor, FGRF1 or VEGFR2 activation.,similarity:Contains 1 SH2 domain.,subcellular location:Associates with membrane lipid rafts upon TCR stimulation.,subunit:Interacts with PTPN11 (By similarity). Interacts with phosphorylated 'Tyr-720' of the ligand-activated receptor PDGFRA via its SH2 domain. Interacts with the ligand-activated receptors PDGFRB, FGFR1, KDR/VEGFR2, IL2RB and IL2RG. Interacts with EPS8 and V-SRC. Interacts with GRB2 and GRAP. Interacts with CD3Z. Interacts with tyrosine-phosphorylated LAT upon T-cell antigen receptor activation. Interacts with PLCG1. Interacts with ZAP70, LCP2/SLP-76, VAV1 and GRAP2. Interacts with JAK1 and JAK3. Interacts with PTK2/FAK1. Interacts with CRK/CrkII. Interacts with IRS2.,tissue specificity:Widely expressed.,domain:The SH2 domain preferentially binds phosphopeptides with the consensus sequence Y-[TVI]-X-L and mediates interaction with PDGFRA, PDGFRB, FGFR1, IL2RB, IL2RG, CD3Z and CRK/CrkII.,function:Adapter protein which regulates several signal transduction cascades by linking activated receptors to downstream signaling components. May play a role in angiogenesis by regulating FGFR1, VEGFR2 and PDGFR signaling. May also play a role in T-cell antigen receptor/TCR signaling, interleukin-2 signaling, apoptosis and neuronal cells differentiation by mediating basic-FGF and NGF-induced signaling cascades. May also regulate IRS1 and IRS2 signaling in insulin-producing cells.,PTM:Phosphorylated upon PDGFRA, PDGFRB, TCR, IL2 receptor, FGRF1 or VEGFR2 activation.,similarity:Contains 1 SH2 domain.,subcellular location:Associates with membrane lipid rafts upon TCR stimulation.,subunit:Interacts with PTPN11 (By similarity). Interacts with phosphorylated 'Tyr-720' of the ligand-activated receptor PDGFRA via its SH2 domain. Interacts with the ligand-activated receptors PDGFRB, FGFR1, KDR/VEGFR2, IL2RB and IL2RG. Interacts with EPS8 and V-SRC. Interacts with GRB2 and GRAP. Interacts with CD3Z. Interacts with tyrosine-phosphorylated LAT upon T-cell antigen receptor activation. Interacts with PLCG1. Interacts with ZAP70, LCP2/SLP-76, VAV1 and GRAP2. Interacts with JAK1 and JAK3. Interacts with PTK2/FAK1. Interacts with CRK/CrkII. Interacts with IRS2.,tissue specificity:Widely expressed.,

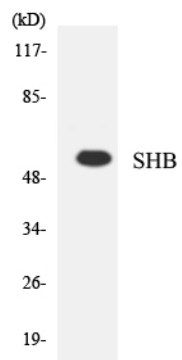
研究领域 (Research Area)

Signal Transduction; Adapters; Cytoplasmic; Stem Cells; Embryonic Stem Cells; Intracellular; Developmental Biology; Embryogenesis; Surface molecules

注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of the lysates from HUVECcells using SHB antibody.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>