

产品名称: BST-1 Rabbit Polyclonal Antibody
产品货号: AP Rab07674



产品概述 (Summary)

产品名称 (Production Name)	BST-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

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)	BST1
别名 (Alternative Names)	BST1; ADP-ribosyl cyclase 2; Bone marrow stromal antigen 1; BST-1; Cyclic ADP-ribose hydrolase 2; cADPr hydrolase 2; CD antigen CD157
基因 ID (Gene ID)	683.0
蛋白 ID (SwissProt ID)	Q10588.The antiserum was produced against synthesized peptide derived from human BST1. AA range:71-120

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	34kDa

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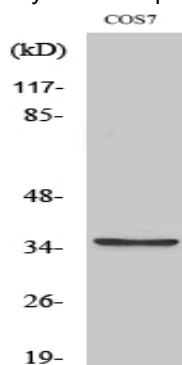
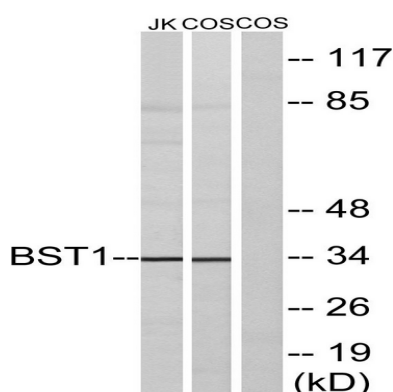
研究背景 (Background)

Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-anchored molecule that facilitates pre-B-cell growth. The deduced amino acid sequence exhibits 33% similarity with CD38. BST1 expression is enhanced in bone marrow stromal cell lines derived from patients with rheumatoid arthritis. The polyclonal B-cell abnormalities in rheumatoid arthritis may be, at least in part, attributed to BST1 overexpression in the stromal cell population. [provided by RefSeq, Jul 2008],catalytic activity:NAD(+) + H(2)O = ADP-ribose + nicotinamide.,disease:Rheumatoid arthritis (RA) patients show enhanced expression of BST-1 transcripts in bone marrow stromal cell lines. This suggests that BST-1 overexpression may play a role in B-cell abnormalities in RA.,function:Synthesizes cyclic ADP-ribose, a second messenger that elicits calcium release from intracellular stores. May be involved in pre-B-cell growth.,similarity:Belongs to the ADP-ribosyl cyclase family.,subunit:Homodimer.,tissue specificity:Widely expressed.,

研究领域 (Research Area)

Nicotinate and nicotinamide metabolism;Calcium;

图片 (Image Data)



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注意事项 (Note)

For research use only .