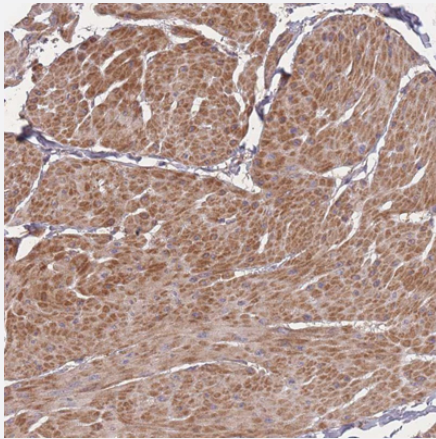


BST1 polyclonal antibody

Catalog # PAB30272 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human smooth muscle with BST1 polyclonal antibody (Cat # PAB30272) shows moderate cytoplasmic positivity in smooth muscle cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human BST1.
Immunogen	Recombinant protein corresponding to amino acids 37-110 of human BST1.
Sequence	EGTSAHLRDIFLGRCAEYRALLSPEQRNKNCTAWEAFKVALDKDPCSVLPDYLFINLSRHSIP RDKSLFWE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50 - 1:200) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — BST1

Entrez GeneID	683
Protein Accession#	Q10588
Gene Name	BST1
Gene Alias	CD157
Gene Description	bone marrow stromal cell antigen 1
Omim ID	600387
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	-

Pathway

- [Calcium signaling pathway](#)
- [Metabolic pathways](#)

- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Parkinson Disease](#)