

Datasheet for ABIN2788845
anti-BST1 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	BST1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	FWENSHLLVN SFADNTRRFM PLSDVLYGRV ADFLSWCRQK NDSGLDYQSC
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against BST1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BST1
Alternative Name:	BST1 (BST1 Products)
Background:	Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-

Target Details

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.

Alias Symbols: CD157

Protein Interaction Partner: LBP, CAV1, BST1,

Protein Size: 318

Molecular Weight: 35 kDa

Gene ID: 683

NCBI Accession: [NM_004334](#), [NP_004325](#)

UniProt: [Q10588](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 318 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

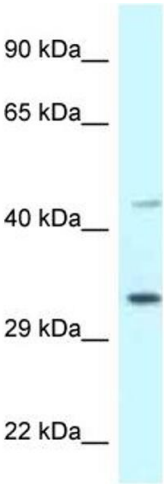
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-BST1 Antibody
Catalog Number: ARP61591
Lot Number: QC32368
Lane: COLO205 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.