

## Rabbit BST1 Polyclonal Antibody | anti-BST1 antibody

BST1 Antibody

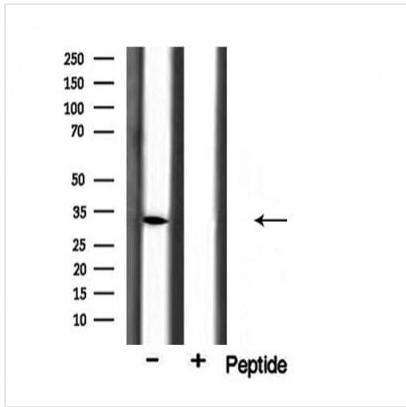
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                 |
|-----------|--------|-------------------|--------------------------------------------------------------|
| AAA324423 | Rabbit | Human, Mouse, Rat | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

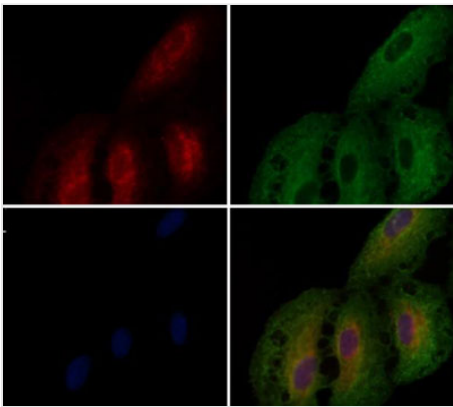
BST1; Polyclonal Antibody; BST1 Antibody; ADP ribosyl cyclase 2; ADP-ribosyl cyclase 2; ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2; Bone marrow stromal antigen 1; Bone marrow stromal cell antigen 1; BST 1; BST-1; BST1\_HUMAN; cADPr hydrolase 2; CD157; CD157 antigen; Cyclic ADP ribose hydrolase 2; Cyclic ADP-ribose hydrolase 2; NAD(+) nucleosidase; OTTHUMP00000217617; anti-BST1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                         |
| Clonality                                      | Polyclonal                                                                                                |
| Isotype                                        | IgG                                                                                                       |
| Specificity                                    | BST1 antibody detects endogenous levels of total BST1                                                     |
| Purity/Purification                            | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.             |
| Form/Format                                    | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.             |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                    |
| Sequence Length                                | 318                                                                                                       |
| Applicable Applications for anti-BST1 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                              |
| Immunogen                                      | A synthesized peptide derived from human BST1, corresponding to a region within the internal amino acids. |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                         |



**WB (Western Blot)**  
Western blot analysis of extracts from rat spleen, using BST1 antibody.



**IF (Immunofluorescence)**  
AAA324423 staining A549 by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA324423) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).

ADDITIONAL INFORMATION

|                                                    |                                                                                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------|
| Related Product Information for anti-BST1 antibody | Subunit Structure: Homodimer.<br>Similarity: Belongs to the ADP-ribosyl cyclase family. |
|----------------------------------------------------|-----------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 168229159                                         |
| NCBI GeneID                      | 683                                               |
| NCBI Accession #                 | NP_004325.2                                       |
| NCBI GenBank Nucleotide #        | NM_004334.2                                       |
| UniProt Accession #              | Q10588; Q1XII0; Q5U0K0; Q96EN3; B2R6A2            |
| Molecular Weight                 | 34 KD                                             |
| NCBI Official Full Name          | ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2 |
| NCBI Official Synonym Full Names | bone marrow stromal cell antigen 1                |
| NCBI Official Symbol             | BST1                                              |
| NCBI Official Synonym Symbols    | CD157                                             |
| NCBI Protein Information         | ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2 |
| UniProt Protein Name             | ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2 |
| UniProt Gene Name                | BST1                                              |
| UniProt Synonym Gene Names       | BST-1; cADPr hydrolase 2                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.