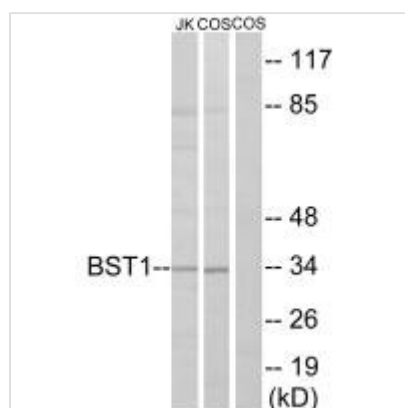




# BST1 Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA052030                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Uniprot No.</b>         | Q10588                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>           | Synthesized peptide derived from internal of Human BST1.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species Reactivity</b>  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Specificity</b>         | The antibody detects endogenous levels of total BST1 protein.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tested Applications</b> | ELISA,WB;WB:1:500-1:3000                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Relevance</b>           | <p>Synthesizes the second messengers cyclic ADP-ribose and nicotinate-adenine dinucleotide phosphate, the former a second messenger that elicits calcium release from intracellular stores. May be involved in pre-B-cell growth.</p> <p>Kaisho T., Proc. Natl. Acad. Sci. U.S.A. 91:5325-5329(1994).<br/>           Kalnine N., Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.<br/>           Hillier L.W., Nature 434:724-731(2005).</p> |
| <b>Form</b>                | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                   |
| <b>Purification Method</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Alias</b>               | ADP-ribosyl cyclase 2; bone marrow stromal antigen 1; BST-1; cADPr hydrolase 2; CD157 antigen                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Type</b>        | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Target Names</b>        | BST1                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Image



Western blot analysis of extracts from Jurkat cells and COS cells, using BST1 antibody.