

Rabbit CD157 Polyclonal Antibody | anti-BST1 antibody

CD157 Antibody

CATALOG # AAA289120	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

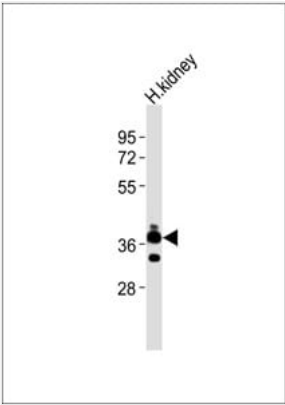
PRODUCT SYNONYMS

CD157; Polyclonal Antibody; CD157 Antibody; ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2; ADP-ribosyl cyclase 2; Bone marrow stromal antigen 1; BST-1; Cyclic ADP-ribose hydrolase 2; cADPr hydrolase 2; BST1; anti-BST1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	0.01M PBS, pH 7.2, 0.1% Sodium azide, Glycerol 50%
Sequence Positions	61-120
Sequence Length	260
Applicable Applications for anti-BST1 antibody	WB (Western Blot)
Target/Specificity	KLH conjugated synthetic peptide derived from human CD157
Function	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
Cellular location	Cell membrane; Lipid-anchor, GPI-anchor.
Tissue location	Widely expressed.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt

IMAGES



WB (Western Blot)
Anti-CD157 Antibody at 1:1000 dilution + human kidney lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilutionPredicted band size : 36 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-BST1 antibody	Synthesizes cyclic ADP-ribose, a second messenger that elicits calcium release from intracellular stores. May be involved in pre-B-cell growth.
Product Categories/Family for anti-BST1 antibody	Immunology; Signal Transduction
References	Kaisho T.,et al.Proc. Natl. Acad. Sci. U.S.A. 91:5325-5329(1994). Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Hillier L.W.,et al.Nature 434:724-731(2005). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

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	36 kDa
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
UniProt Entry Name	BST1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd157-antibody-western-blot-elisa/289120>