

Nur für Forschungszwecke

BST2 Polyklonaler Antikörper

Katalog-Nr.:30118-1-AP



Allgemeine Informationen

Katalog-Nr.: 30118-1-AP	GenBank-Zugangsnummer: BC033873	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 1000 µg/ml von684 Nanodrop;	GeneID (NCBI): Vollständiger Name: bone marrow stromal cell antigen 2	Empfohlene Verdünnungen: WB 1:5000-1:50000
Wirt: Kaninchen	Berechnete Masse: 180 aa, 20 kDa	
Isotyp: IgG	Beobachtete Masse: 30-36 kDa, 50-70 kDa	
Immunogen Katalognummer: AG32333		

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HeLa-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

BST2, also named as CD317 and Tetherin, belongs to the tetherin family. It may be involved in the sorting of secreted proteins and it is involved in pre-B-cell growth. BST2 is an antiretroviral defense protein, that blocks release of retrovirus from the cell surface. Depleted upon HIV-1 infection by viral VPU protein through 20S proteasome degradation. Depleted upon infection by human Kaposi's sarcoma-associated herpesvirus (KSHV) through ubiquitination and subsequent degradation. BST2 may play a role in B-cell activation in rheumatoid arthritis. It is recently identified interferon-induced cellular proteins that restrict infections by retroviruses and filoviruses and of influenza virus and flaviviruses, respectively. BST2 is a plasma membrane proteins, tetherin inhibits virion particle release from infected cells. BST2 is effective against retroviruses and flavoviruses whilst IFITMs disrupt influenza and flavivirus infection. Observed MW of BST2 is 30-36 kDa (PMID: 19196977; 21237475).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

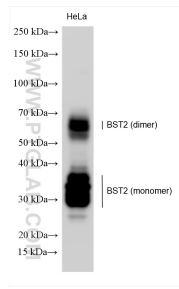
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Ausgewählte Validierungsdaten



HeLa cells were subjected to SDS PAGE followed by western blot with 30118-1-AP (BST2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.